

IRON OXIDES

ΛΙΟΚΑ
MIN
SM

IMPORT | EXPORT | EMPOWER

“A GLOBAL DISTRIBUTION HUB”

“ I R O N O X I D E S ”

We specialize in sourcing and selling **IRON OXIDES**. We assure a consistent quality of our products and supply the best quality of **IRON OXIDES**. Our reach and global presence is something that does not need a special mention. We control the quality strictly and maintain our standards leaving our clients free of any hassles.

SYNTHETIC
IRON OXIDE

MICRONISED
IRON OXIDE

CUSTOMIZED
SYNTHETIC
IRON OXIDE

GRANULAR
IRON OXIDE

HEAT STABLE
SYNTHETIC
IRON OXIDE

ABOUT US

We would like to introduce our self as **AIOKA SM EXIM** a professional supplier and trader of fine chemicals dealing with Synthetic Iron oxide series, Inorganic & Organic pigments, Titanium Dioxide, Polyethylene Wax, Pigment for Paint, Plastic, Rubber & Ink Industries. We also deal in specialty pigments like High Performance Pigments and Fluorescent Pigmentproducts. Our company locates at Ahmedabad- Gujarat of Western India, and keeps long-term and stable relationships with many large-scale International & domestic Pigments & chemical Manufacturers. The marketing network we have stretches to more than 40 countries and regions, including Europe, USA, South America, Southeast Asia, Middle East, Hong Kong, and Taiwan and so on.

WHY CHOOSE US ?

AIOKA SM EXIM is a Trading House, along with state-of-the-art laboratory, R&D, and Test Centre facilities equipped with advanced technology. Our robust technical expertise, cutting-edge research capabilities, and exceptional teamwork are the cornerstones of our commitment to delivering top-quality products and exceptional services. This dedication has earned us the trust and praise of both domestic and international customers.

Furthermore, our company is home to a knowledgeable and efficient import and export team with extensive professional experience and a strong service orientation. Guided by the principles of delivering the best quality, the best price, and the best service, **AIOKA SM EXIM** is committed to continuous self-improvement, aiming to serve customers worldwide.

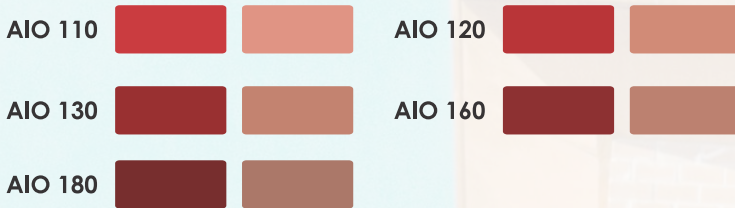
We eagerly welcome the opportunity to understand your specific requirements and how our services can contribute to achieving your overall goals and expectations. Additionally, we are interested in learning more about the steps needed for approval in your supplier database. We look forward to the possibility of collaborating with you soon.

SYNTHETIC IRON OXIDE – RED

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Red Oxide



Applications

Paints | Wood Coatings | Plastic Application | Industry Coating |
Print ink | Art coatings | Powder coating | Cement Colors |
Paver Blocks | Concrete & mortar Colors | Construction Flooring

Technical Index: Red 110

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₂ O ₃
Purity	%	95 % +
Oil Absorption	gm/100gm	20.0 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 0.1 %
pH value		6.0
Hegman		3.0+
Bulk Density	Gm/cm3	5
Heat Stability		Up to 300 degree for 5 mnts.Inj.moulding
Specific Gravity	Gm/cm3	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Red 120

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₂ O ₃
Purity	%	95 % +
Oil Absorption	gm/100gm	20.0 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 0.1 %
pH value		6.5
Hegman		3.0+
Bulk Density	Gm/cm ³	5
Heat Stability		Up to 300 degree for 5 mnts.Inj.moulding
Specific Gravity	Gm/cm ³	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Red 130

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₂ O ₃
Purity	%	95 % +
Oil Absorption	gm/100gm	21.5 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 0.1 %
pH value		4-7
Hegman		3.0+
Bulk Density	Gm/cm ³	5
Heat Stability		Up to 300 degree for 5 mnts.Inj.moulding
Specific Gravity	Gm/cm ³	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Red 160

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₂ O ₃
Purity	%	95 % +
Oil Absorption	gm/100gm	20.0 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 0.1 %
pH value		6.5
Hegman		3.0+
Bulk Density	Gm/cm ³	5
Heat Stability		Up to 300 degree for 5 mnts.Inj.moulding
Specific Gravity	Gm/cm ³	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Red 180

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₂ O ₃
Purity	%	95 % +
Oil Absorption	gm/100gm	20.0 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 0.1 %
pH value		6.5
Hegman		3.0+
Bulk Density	Gm/cm ³	5
Heat Stability		Up to 300 degree for 5 mnts.Inj.moulding
Specific Gravity	Gm/cm ³	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

MICRONISED IRON OXIDE – RED

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Red Oxide



Applications

Architectural coating, OEM industrial application, Maintenance Coating application, Mulch Colouring

Technical Index: Red 110M

Properties	Unit	values
Physical Form		Micronised Powder.
Chemical Composition		Fe ₂ O ₃
Purity	%	99.1 % +
Oil Absorption	gm/100gm	28.0 gm/100 gms
Sieve Residue on (0.045mm)	%	≤ 0.002
Matter Soluble in Water	%	≤ 0.3 %
pH value		4-7
Dispersibility (Hegman)		6.0+
Bulk Density	Gm/cm ³	5
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Red 120M 

Properties	Unit	values
Physical Form		Micronised Powder.
Chemical Composition		Fe ₂ O ₃
Purity	%	99.1 % +
Oil Absorption	gm/100gm	28.0 gm/100 gms
Sieve Residue on (0.045mm)	%	≤ 0.002
Matter Soluble in Water	%	≤ 0.3 %
pH value		5-8
Dispersibility (Hegman)		6.0+
Bulk Density	Gm/cm ³	5
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety		The product is not classified as Hazardous.

Technical Index: Red 130M 

Properties	Unit	values
Physical Form		Micronised Powder.
Chemical Composition		Fe ₂ O ₃
Purity	%	99.2 % +
Oil Absorption	gm/100gm	27.0 gm/100 gms
Sieve Residue on (0.045mm)	%	≤ 0.002
Matter Soluble in Water	%	≤ 0.3 %
pH value		5-8
Dispersibility (Hegman)		6.0+
Bulk Density	Gm/cm ³	5
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety		The product is not classified as Hazardous.

HEAT STABLE IRON OXIDE – RED

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Red Oxide




Applications

Masterbatch, Plastics, Outdoor Applications (UV resistance)

Technical Index: Red 110HT


Properties	Unit	values
Chemical Composition		Fe ₂ O ₃
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.01
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	≤ 1.0 %
Hegman		6.0+
DE		≤ 1.0
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Red 120HT 

Properties	Unit	values
Chemical Composition		Fe ₂ O ₃
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.01
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	≤ 1.0 %
Hegman		6.0+
DE		≤ 1.0
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Red 130HT 

Properties	Unit	values
Chemical Composition		Fe ₂ O ₃
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.01
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	≤ 1.0 %
Hegman		6.0+
DE		≤ 1.0
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Red 140HT 

Properties	Unit	values
Chemical Composition		Fe ₂ O ₃
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.01
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	≤ 1.0 %
Hegman		6.0+
DE		≤ 1.0
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Red 180HT 

Properties	Unit	values
Chemical Composition		Fe ₂ O ₃
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.01
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	≤ 1.0 %
Hegman		6.0+
DE		≤ 1.0
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

GRANULAR IRON OXIDE – RED

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Red Oxide

AIO 8110G



AIO 8130G



Applications

Roof tiles | Pavers and Blocks | Asphalt | Ready - mix/Precast Concrete | Motar, Colored plaster

Technical Index: Red 8110G



| 8130G



Properties	Unit	values
Chemical Composition		Fe ₂ O ₃
Water Absorption	gm/100gm	25-35 gm/100 gms
Matter volatile at 105°C	%	≤ 1.0
Water Soluble Salts(%)	%	≤ 3.0
PH value		5-8
Avg. granular size(mm)		0.3
DE		≤ 1.5
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Package:

25kg/paper bags, Polythene bags

500kg/900kg/1000kg super bags

20-22mt/20'FCL with pallets wrapped and shrink

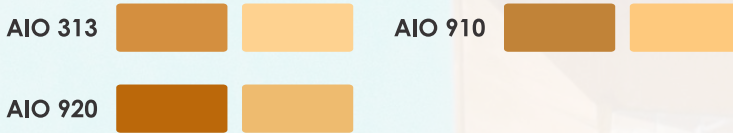


SYNTHETIC IRON OXIDE – YELLOW

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Yellow Oxide




Applications


Paints | Wood Coatings | Plastic Application | Industry Coating |
Print ink | Art coatings | Powder coating | Cement Colors |
Paver Blocks | Concrete & mortar Colors | Construction Flooring

Technical Index: Yellow 313

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		$\text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$
Purity	%	85 % +
Oil Absorption	gm/100gm	20.0 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 0.1 %
pH value		4.7
Hegman		3.0+
Bulk Density	Gm/cm3	5
Heat Stability		Up to 200 degree for 5 mnts.Inj.moulding
Specific Gravity	Gm/cm3	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Yellow 910 

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₂ O ₃ H ₂ O
Purity	%	85 % +
Oil Absorption	gm/100gm	40.0 gm/100 gms
Sieve Residue on 45µm	%	0.3
Moisture	%	≤ 0.1 %
pH value		4-7
Hegman		3.0+
Bulk Density	Gm/cm ³	4.1
Specific Gravity	Gm/cm ³	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is classified as Non Hazardous.

Technical Index: Yellow 920 

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₂ O ₃ H ₂ O
Purity	%	86 % +
Oil Absorption	gm/100gm	30.0 gm/100 gms
Sieve Residue on 325#	%	0.5
Moisture	%	≤ 0.1 %
pH value		6
Hegman		3.0+
Bulk Density	Gm/cm ³	5
Specific Gravity	Gm/cm ³	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is classified as Non Hazardous.

MICRONISED IRON OXIDE – YELLOW

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Yellow Oxide

AIO 920M



Applications

Architectural coating, OEM industrial application,
Maintenance Coating application, Mulch Colouring

Technical Index: Yellow 920M



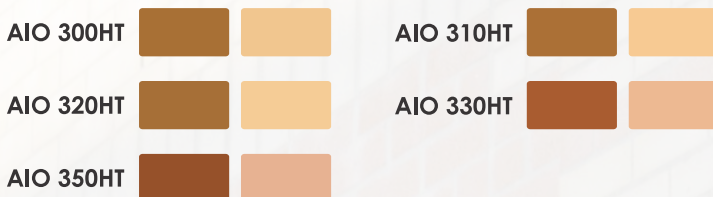
Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₂ O ₃ H ₂ O
Purity	%	85 % +
Oil Absorption	gm/100gm	35.0 gm/100 gms
Sieve Residue on (0.045mm)	%	≤ 0.01
Moisture	%	≤ 1.0 %
pH value		5-8
Dispersibility (Hegman)		6.0+
Bulk Density	Gm/cm ³	4.1
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

HEAT STABLE IRON OXIDE – YELLOW

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Yellow Oxide



Applications

Masterbatch, Plastics, Outdoor Applications (UV resistance)

Technical Index: Yellow 300 HT

Properties	Unit	values
Chemical Composition		Fe ₂ O ₃ · H ₂ O
Oil Absorption	gm/100gm	28-40 gm/100 gms
Sieve Residue on 325#	%	≤ 0.05
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	≤ 1.0 %
Hegman		4.0+
DE		≤ 1.2
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety		The product is not classified as Hazardous.

Technical Index: Yellow 310 HT

Properties	Unit	values
Chemical Composition		$\text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$
Oil Absorption	gm/100gm	28-40 gm/100 gms
Sieve Residue on 325#	%	≤ 0.05
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	$\leq 1.5 \%$
Hegman		4.0+
DE		≤ 1.2
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Yellow 320 HT

Properties	Unit	values
Chemical Composition		$\text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$
Oil Absorption	gm/100gm	28-40 gm/100 gms
Sieve Residue on 325#	%	≤ 0.05
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	$\leq 1.5 \%$
Hegman		4.0+
DE		≤ 1.2
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Yellow 330 HT

Properties	Unit	values
Chemical Composition		ZnFe ₂ O ₄
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.05
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	≤ 1.0 %
Hegman		4.0+
DE		≤ 1.2
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Yellow 350 HT

Properties	Unit	values
Chemical Composition		ZnFe ₂ O ₄
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.05
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	≤ 1.0 %
Hegman		4.0+
DE		≤ 1.2
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

GRANULAR IRON OXIDE – YELLOW

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Yellow Oxide

AIO 8910G



AIO 8920G



AIO 8313G



Applications

Roof tiles | Pavers and Blocks | Asphalt | Ready - mix/Precast Concrete | Motar, Colored plster

Technical Index: Yellow 8910G

Yellow 8920G

Yellow 8313G

Properties	Unit	values
Chemical Composition		Fe ₂ O ₃ · H ₂ O
Water Absorption	gm/100gm	35-45 gm/100 gms
Matter volatile at 105°C	%	≤ 1.0
Water Soluble Salts(%)	%	≤ 3.0
PH value		5-8
Avg. granular size(mm)		0.3
DE		≤ 1.5
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety		The product is not classified as Hazardous.

Package:

25kg/paper bags, Polythene bags

500kg/900kg/1000kg super bags

10-12mt/20'FCL with pallets wrapped and Shrink

13-13.5mt/20'FCL Not on pallets



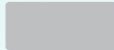
SYNTHETIC IRON OXIDE – BLACK

Product Description

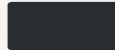
Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Black Oxide

AIO 5799



AIO 330



Applications

Paints | Wood Coatings | Plastic Application | Industry Coating |
Print ink | Art coatings | Powder coating | Cement Colors |
Paver Blocks | Concrete & mortar Colors | Construction Flooring

Technical Index: Black 5799



Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₃ O ₄
Purity	%	90 % +
Oil Absorption	gm/100gm	20.0 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 0.1 %
pH value		6.8
Hegman		3.0+
Bulk Density	Gm/cm ³	5
Specific Gravity	Gm/cm ³	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Black 330



Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₃ O ₄
Purity	%	90 % +
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.5
Moisture	%	≤ 1.5 %
pH value		5-8
Hegman		3.0+
Bulk Density	Gm/cm ³	0.8-1.2
Specific Gravity	Gm/cm ³	4.8
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

MICRONISED IRON OXIDE – BLACK

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Black Oxide

AIO 330M



Applications

Paints | Wood Coatings | Plastic Application | Industry Coating |
Print ink | Art coatings | Powder coating | Cement Colors |
Paver Blocks | Concrete & mortar Colors | Construction Flooring

Technical Index: Black 330M



Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe_3O_4
Purity	%	90 % +
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.01
Moisture	%	≤ 1.0 %
pH value		5-8
Hegman		6.0+
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety		The product is not classified as Hazardous.

HEAT STABLE IRON OXIDE – BLACK

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Black Oxide

AIO 304HT






AIO 305HT



Applications

Masterbatch, Plastics, Outdoor Applications (UV resistance)

Technical Index: Black 304HT   | Black 305HT  

Properties	Unit	values
Chemical Composition		(Fe,Mn) ₂ O ₃
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.05
Water Soluble Salts(%)	%	≤ 0.5
pH value		5-8
Moisture	%	≤ 1.0 %
Hegman		4.0+
DE		≤ 1.0
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety		The product is not classified as Hazardous.

GRANULAR IRON OXIDE – BLACK

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Black Oxide

AIO 8330G



Applications

Roof tiles | Pavers and Blocks | Asphalt | Ready - mix/Precast Concrete | Motar, Colored plaster

Technical Index: Black 8330G



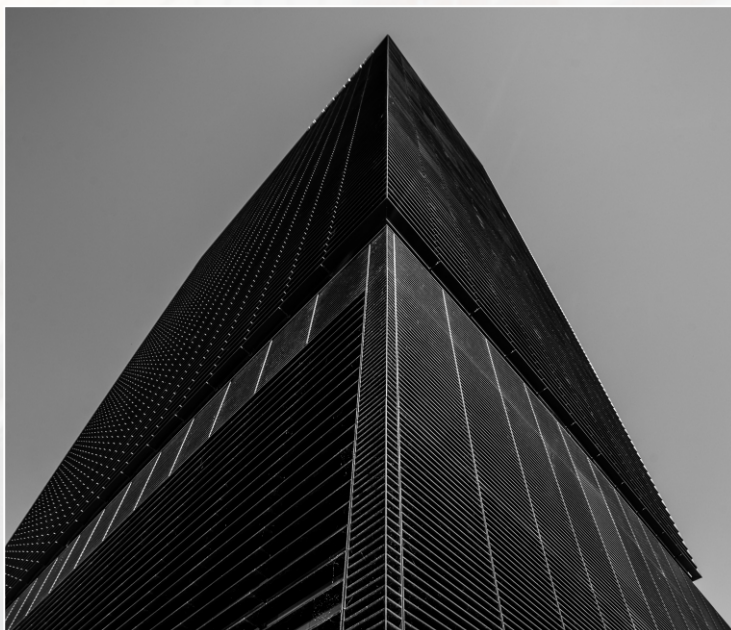
Properties	Unit	values
Chemical Composition		Fe ₃ O ₄
Water Absorption	gm/100gm	25-35 gm/100 gms
Matter volatile at 105°C	%	≤ 1.0
Water Soluble Salts(%)	%	≤ 3.0
pH value		5-8
Avg. granular size(mm)		0.3
DE		≤ 1.5
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Package:

25kg/paper bags, Polythene bags

500kg/900kg/1000kg super bags

20-22mt/20'FCL with pallets wrapped and shrink



SYNTHETIC IRON OXIDE – BLUE

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Blue Oxide

AIO 4886



Applications

Paints | Wood Coatings | Plastic Application | Industry Coating |
Print ink | Art coatings | Powder coating | Cement Colors |
Paver Blocks | Concrete & mortar Colors | Construction Flooring

Technical Index: Blue 4886



Properties	Unit	Specification	Test Method
Moisture at 105	%	≤ 1.0	ISO 787-2
Water Soluble salts	%	≤ 2.0	ISO 787-3
Oil absorption	g/100g	25	ISO 787-5
Residue on 325 mesh	%	≤ 0.3	ISO 787-7
pH value		8-10	ISO 787-9
Color difference vs standard		≤ 1.0	ISO 787-1
Tinting strength vs standard	%	95--105	ISO 787-16

Package:

25kg/paper bags, Polythene bags

500kg/900kg/1000kg super bags

15-16mt/20'FCL With pallets wrapped and Shrink

18mt/20'FCL Not on pallets



SYNTHETIC IRON OXIDE – GREEN

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Green Oxide

AIO 5605



AIO 835



Applications

Paints | Wood Coatings | Plastic Application | Industry Coating |
Print ink | Art coatings | Powder coating | Cement Colors |
Paver Blocks | Concrete & mortar Colors | Construction Flooring

Technical Index: Green 5605



Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		$C_{32}H_{16}N_8Cu, Fe_2O_3, CaCO_3$.
Oil Absorption	gm/100gm	26.3 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 0.1 %
pH value		6.5
Hegman		3.0+
Bulk Density	Gm/cm ³	5
Heat Stability		Up to 280 degree for 5 mnts.Inj.moulding
Specific Gravity	Gm/cm ³	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Technical Index: Green 835

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		$C_{32}H_{16}N_8Cu+FeOOH$
Oil Absorption	gm/100gm	25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 1.0 %
pH value		8-10
Hegman		3.0+
Bulk Density	Gm/cm3	5
Heat Stability		Up to 280 degree for 5 mnts.Inj.moulding
Specific Gravity	Gm/cm3	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

Package:

25kg/paper bags, Polythene bags

500kg/900kg/1000kg super bags

20-22mt/20'FCL with pallets wrapped and shrink



SYNTHETIC IRON OXIDE – BROWN

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Brown Oxide

AIO 610



AIO 686




Applications

Paints | Wood Coatings | Plastic Application | Industry Coating |
Print ink | Art coatings | Powder coating | Cement Colors |
Paver Blocks | Concrete & mortar Colors | Construction Flooring

Technical Index: Brown 610



Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₃ O ₄
Purity	%	90 % +
Oil Absorption	gm/100gm	15-25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.5
Moisture	%	≤ 1.0 %
pH value		5-8
Hegman		3.0+
Bulk Density	Gm/cm ³	5
Specific Gravity	Gm/cm ³	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety		The product is not classified as Hazardous.

Technical Index: Brown 686 

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₃ O ₄
Purity	%	90.2 % +
Oil Absorption	gm/100gm	24.0 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 0.1 %
pH value		5.5
Hegman		3.0+
Bulk Density	Gm/cm ³	5
Specific Gravity	Gm/cm ³	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

HEAT STABLE IRON OXIDE – BROWN

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Brown Oxide

AIO 640HT



Applications

Masterbatch, Plastics, Outdoor Applications (UV resistance)

Technical Index: Brown 640HT



Properties	Unit	values
Chemical Composition		(Fe,Mn) ₂ O ₃
Oil Absorption	gm/100gm	25 gm/100 gms
Sieve Residue on 325#	%	≤ 0.05
Water Soluble Salts(%)	%	≤ 0.5
PH value		5-8
Moisture	%	≤ 1.0 %
Hegman		4.0+
DE		≤ 1.2
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

GRANULAR IRON OXIDE – BROWN

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Brown Oxide

AIO 8686G



Applications

Roof tiles | Pavers and Blocks | Asphalt | Ready - mix/Precast Concrete | Motar, Colored plaster

Technical Index: **Brown 8686G**



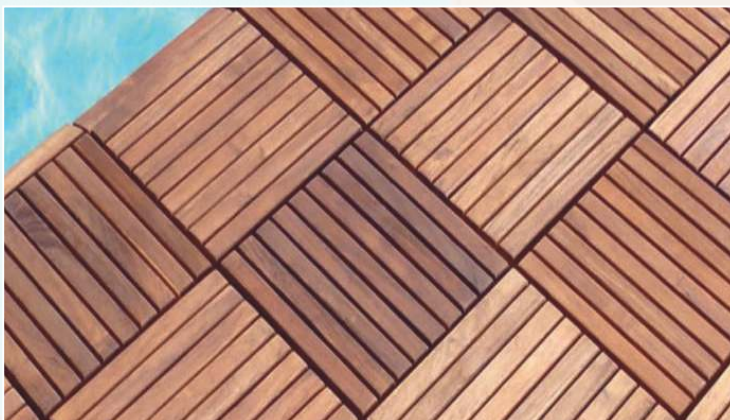
Properties	Unit	values
Chemical Composition		Mixture
Water Absorption	gm/100gm	25-35 gm/100 gms
Matter volatile at 105°C	%	≤ 1.0
Water Soluble Salts(%)	%	≤ 3.0
PH value		5-8
Avg. granular size(mm)		0.3
DE		≤ 1.5
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety		The product is not classified as Hazardous.

Package:

25kg/paper bags, Polythene bags

500kg/900kg/1000kg super bags

20-22mt/20'FCL with pallets wrapped and shrink



SYNTHETIC IRON OXIDE – ORANGE

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Orange Oxide



Applications

Paints | Wood Coatings | Plastic Application | Industry Coating |
Print ink | Art coatings | Powder coating | Cement Colors |
Paver Blocks | Concrete & mortar Colors | Construction Flooring

Technical Index: Orange 960/960-2

Properties	Unit	values
Physical Form		Fine Powder.
Chemical Composition		Fe ₃ O ₄
Purity	%	90.1%+
Oil Absorption	gm/100gm	25.3 gm/100 gms
Sieve Residue on 325#	%	≤ 0.3
Moisture	%	≤ 0.1 %
pH value		3.8
Hegman		3.0+
Bulk Density	Gm/cm3	5
Heat Stability	-	-
Specific Gravity	Gm/cm3	5.0
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety	.	The product is not classified as Hazardous.

GRANULAR IRON OXIDE – ORANGE

Product Description

Synthetic iron oxide pigments are globally renowned as one of the most favored coloring agents. They are versatile and well-suited for an array of applications.

Orange Oxide

AIO 8960G



Applications

Roof tiles | Pavers and Blocks | Asphalt | Ready - mix/Precast Concrete | Motar, Colored plster

Technical Index: Orange 8960G



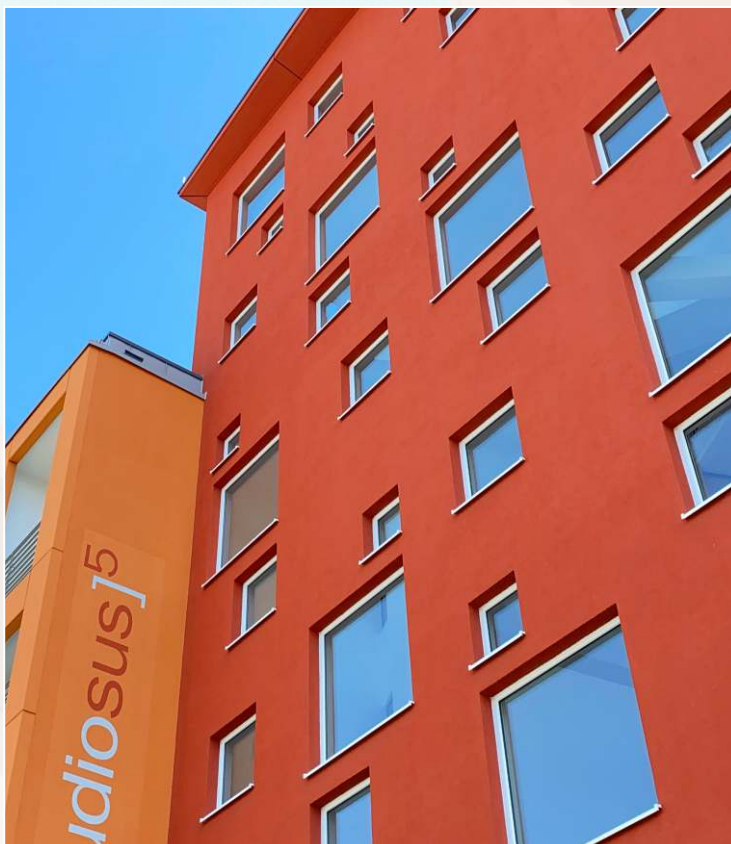
Properties	Unit	values
Chemical Composition		Mixture
Water Absorption	gm/100gm	30-40 gm/100 gms
Matter volatile at 105°C	%	≤ 1.0
Water Soluble Salts(%)	%	≤ 3.0
PH value		5-8
Avg. granular size(mm)		0.3
DE		≤ 1.5
Tinting Strength		95-105
Packaging		25 kgs. Paper Bag
Transport and Storage.		Store in dry place
Safety		The product is not classified as Hazardous.

Package:

25kg/paper bags, Polythene bags

500kg/900kg/1000kg super bags

20-22mt/20'FCL with pallets wrapped and shrink



AIOKA SM EXIM

IMPORT | EXPORT | EMPOWER

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