

IRON OXIDES

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MAXIM
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IMPORT | EXPORT | EMPOWER

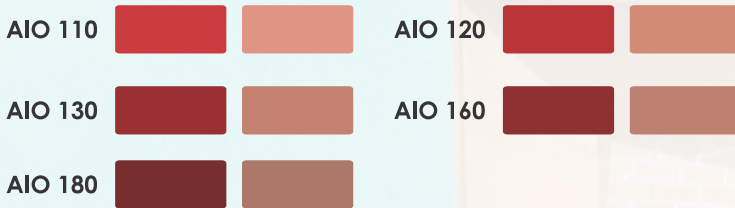
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SYNTHETIC IRON OXIDE – RED

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 

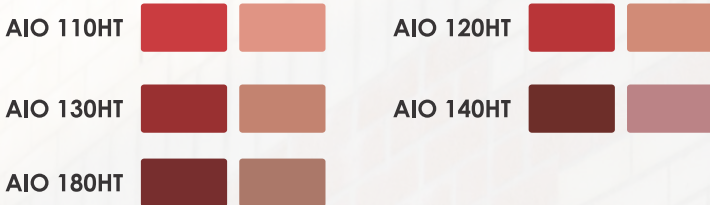
Properties	Unit	values
Physical Form		Micronised Powder.
Chemical Composition		Fe ₂ O ₃
Purity	%	99.2 % +
Oil Absorption	gm/100gm	27.0 gm/100 gms
Sieve Residue on (0.045mm)	%	≤ 0.002
Matter Soluble in Water	%	≤ 0.3 %
pH value		5-8
Dispersibility (Hegman)		6.0+
Bulk Density	Gm/cm ³	5
Packaging		25 kgs. 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



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