

Thermoxide Black 303T

Product Description

Thermoxide Black 303T is an inorganic black iron oxide pigment with increased thermo stability for high heat through the modification of manganese oxide. This is a special performance pigment for the paint and coating industry. In addition it can be applied for the coloration of a wide variety of construction materials.

Physical Data

Contents (MnFe ₂ O ₄) [%]	≥ 98.0
Hue	Blue shade black
pH Value	6.0~7.5
Water Soluble Salts[%]	≤ 0.50
325 Mesh Residue [%]	≤ 0.30
105°C Volatile Matter [%]	≤ 0.50
Oil Absorption [ml/100g]	20~30
Density [g/ml]	5.5
Predominant Particle Size [μm]	0.2
Particle Shape	spherical
Heat Stability (in plastics)	≤ 700°C

Applications

Asphalt	Floorings	Sand-lime Bricks	Automotive Coating
Concrete Masonry Blocks	Mortar	Plastic Coating	Coil Coating
Concrete Roofing Tiles	Noise Barriers	Powder Coating	Ceramic
Construction material	Paving Stones	Wood Coating	Roof tile Coating
Corrosion Protection	Plaster	Decorative Paints	Engobes
Fibre Cement	Roofing Felts	Emulsion Paints	

Packaging, Shipping & Storage

Thermoxide Black 303T is supplied in powder form. The product is packed in paper bags (25kg/bag) and shipped on pallets (500kg/pallet).

Protect against weathering. Store in a dry place and avoid extreme fluctuation in temperature.

Special conditions for opened packaging: Close bag after use to avoid the absorption of moisture and contamination.