

Technical Data Sheet

TDS

General Description

Product Name	Zinc Iron Chromite Brown
Epsilon Code	MMOBR03301
Type	Brown pigment
Chemical Composition	Fe/Zn/Cr Oxide
Delivery Form	Powder
Color Index	Pigment Brown 33 (77503)
CAS	68186-88-9



Physical and Chemical properties

Test Items	Specification
Appearance	Brown powder
Crystal Form	Spinel Pattern
Average Particle Size, μm	2.5 max.
Moisture Content, %	0.2 max.
Water Soluble, %	0.3 max.
Oil Absorption, %	16-23
PH Value	6-9
Heat Stability, $^{\circ}\text{C}$	1000 min.
Light Fastness	8
Weather Resistance	5
Acid Resistance	5
Alkali Resistance	5

Application

Exterior coatings, fluorocarbon coatings, industrial coatings, aerospace and marine coatings, automotive coatings, decorative coatings, camouflage coatings, coil coatings, road marking paints, rock frescos coating, powder coatings, oil paints, water-based paints, light-resistance paints, weather-resistance paints, UV coatings, high-temperature paints, engineering plastics, master batch, technology glasses, colored glasses, glass lamps, architectural ceramics, ceramic works, engineering ceramics, industrial enamels, architectural enamelware, colored inks, watermark inks, concave-convex inks, colored sand, concrete and other building materials.

Package

25kg bag with pallets.