



PADMAVATI EXPOCHEM Pvt. Ltd.



Product Specification

Red Iron Oxide

Synthetic red iron oxide from Padmavati Expochem Pvt. Ltd. are high quality inorganic pigments suitable for a wide range or demanding colorant applications.

Typical applications include coatings, plastics, rubber, concrete product, wall tiles, pavement, ready mixed concrete, masonry block, bricks.

Colors range from the yellow shade red PE100 to the blue shade red PE186, all the products provide maximum tinting strength, water wettability, colour consistent, UV stable, alkali resistant and excellent chemical resistant.

General Description

Appearance: Red

Powder

Color Index: Pigment Red 101

Chemical class: Synthetic Iron Oxide α -Fe₂O₃

CAS No.: 1309-37-1

Density: 5.0g/ml

Tamped density: 0.9-1.1g/ml

Technical Data

Properties	Unit	Specification	Test method
Fe ₂ O ₃ Content	%	≥95	ISO1248
Moisture at 105□	%	≤1.0	ISO787-2
Water soluble salts	%	≤0.5	ISO787-3
Oil absorption	g/100g	15-25	ISO787-5
Residue on 325 mesh	%	≤0.5	ISO787-7
pH value		3.5-7	ISO787-9
Color difference vs standard	□E	≤1.0	ISO787-1
Tinting strength vs standard	%	95--105	ISO787-16

Standard packaging: 25kg bag or 1000kg bulk bag.

Storage condition: Store in a dry place and avoid extreme temperature fluctuations.

All information given and recommendations made herein are based upon research and are believed to be accurate. Since the application process and conditions of use of our products are beyond our control, all recommendations and suggestions are made without guarantee.

Note: ask separately for specification for micronised, granules, asphalt pallets, heat stable grade.