

**Description**

Micronized pigment with very high tinting-strength, hiding power and good particle size distribution. Possessing high light fastness and heat resistance up to 600 °C, is both alkali and weather resistant.

**Application**

Suitable for the production of paints and coatings – automotive coatings, coil coatings, corrosion protection, decorative paints, emulsion paints, industrial coatings, powder coatings, roof tile coatings, wood coatings.  
Suitable for pigmentation of plastics – polyolefins and PVC floorings, injection moulding, rolling casting, lamination, foaming, etc.  
Can be used for preparation of Complex Inorganic Colour Pigments (CICPs).

**Basic characteristics**

Grade	Dark Red pigment
Delivery form	Powder
Chemical substance	$\alpha$ Fe <sub>2</sub> O <sub>3</sub>
Oil absorption	19 g/100 g
Classification ISO 1248	A I 2 a
EC Taric Code	2821 10 00
Specific gravity	5.0 g/cm <sup>3</sup>
Bulk density	560 kg/m <sup>3</sup>
Tamped density	770 kg/m <sup>3</sup>
CAS No.	1309-37-1
EINECS No.	215-168-2
Colour index	77491 Red 101
REACH Registration No.	01-2119457614-35-0004

**Safety**

Iron Oxide Pigments FEPREN are not classified as dangerous under the relevant EC Directives and are not dangerous according to transport regulations ADR/RID.  
FEPREN TP303M complies with the purity requirements on materials and articles intended to come into contact with food (Regulation EU 10/2011) as well as with the EC Directives for Safety of toys.

This leaflet is a general guide to the properties and fields of potential application of FEPREN grades. Information on application are given in good faith and does not constitute any guarantee. For specific grade selection please contact Technical Service.