

Iron Oxide Pigment

**FEPREN Y710**Edition  
1.0 / 2015

**Description** Fine dry-milled pigment with good tinting-strength and hiding power. Both alkali and weather resistant, possessing high light fastness and heat resistance up to approx. 160 °C.

**Application** Suitable for the production of paints, both in solvent-based and waterborne systems, e.g. air-drying, oil-bound and decorative, also for primers, undercoats and fillers. In the building industry, good for the production of cement-based plaster mixtures synthetic plasters, the colouring of concrete products such as roof tiles, terrazzo, and coloured floor tiles. Can be used for the pigmentation of plastics and transparent bitumen.

<b>Basic characteristics</b>	Grade	Yellow pigment
	Delivery form	Powder
	Chemical substance	FeO(OH)
	Oil absorption	35 g/100 g
	Classification ISO 1248	A I 2 a
	Classification EN 12878	Pigment category A
	EC Taric Code	2821 10 00
	Specific gravity	4.2 g/cm <sup>3</sup>
	Bulk density	190 kg/m <sup>3</sup>
	Tamped density	465 kg/m <sup>3</sup>
	CAS No.	51274-00-1
	EINECS No.	257-098-5
	Colour index	77492 Yellow 42
REACH Registration No.	01-2119457554-33-0003	

**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 Y710 complies with the purity requirements on materials and articles intended to come into contact with food as well as with the European Standard EN 12878 for application in building industry.

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.