

TECHNICAL DATA SHEET

Iron Oxide Brown 686

Appearance	Brown pigment
Delivery Form	Powder
Chemical Class	Synthetic iron oxide $\text{Fe}_2\text{O}_3 + \text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$ ($\frac{1}{3} \text{Á-FeOOH}$) + Fe_3O_4
Color Index	Combination of 77491,77492,77499
Cas no.	1317-61-9. 1309-37-1. 51274-00-1
Use Recommendation	Coatings, Construction, plastic, Rubber, etc

TECHNICAL DATA		
<u>Item</u>	<u>Specification</u>	<u>Test Method</u>
Color Shade (ΔE) max	1.0	-----
Tinting Strength %	95-105	-----
Water-Soluble Content [%] max	0.5	DIN EN ISO787 Part 3 (1995)
Sieve Residue (0.045mm) [%] max	0.5	DIN EN ISO787 Part 2 (1995)
PH Value	4.0 ----7.0	DIN EN ISO787 Part 9 (1995)
Fe_2O_3 & Fe_3O_4 [%] min	90.0	DIN 55913 Sheet 2 (1972)
Moisture (After Production) [%] max	1.0	DIN EN ISO 787 Part 2 (1995)
Oil Absorption [g/100g]	15-35	DIN EN ISO787 Part 5 (1995)

STANDARD PACKAGING	25kg/bag with pallet, wrapped and shrunked, or 1100kg/jumbo bags with pallet
TRANSPORT AND STORAGE	
Protect against weathering. Store in a dry place and avoid extreme fluctuations in temperature. Special conditions for opened packaging: Close bags after use to prevent the absorption of moisture and contamination.	
SAFETY	
The product is not classified as dangerous under the relevant EC directives and corresponding national regulations valid in the individual EU member states. It is not dangerous according to transport regulations. In countries outside the EU, compliance with the respective national legislation concerning the classification, packaging, labeling and transport of dangerous substances must be ensured. in the safety data sheet should be observed. on handling, product safety and ecology.	

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