

TECHNICAL DATA SHEET

Iron Oxide Brown T868

Edition of	2012-12-20
Type	Brown Pigment
Delivery Form	Powder
Chemical Class	Synthetic Iron Oxide
Color Index	Combination of C.I. 77491, 77492, 77499
Use ReCommedation	Building Industry

COLOR VALUES AND TINTING STRENGTH

Reference	Standard: DIN 6174		
	<u>Min</u>	<u>Max</u>	<u>Test Method</u>
Reduction with titanium dioxide (1:2)	R-706		No.038.2009-08-01
ΔL^*	-0.7	0.7	
Δa^*	-0.7	0.7	
Δb^*	-0.7	0.7	
ΔE^*ab		1.0	
Binder	R-05		
Relative tinting strength [%]	95	105	No.038.2009-08-01

TECHNICAL DATA

	<u>Min</u>	<u>Max</u>	<u>Test Method</u>
Fe ₂ O ₃	88		DIN 55913-2
Water soluble substances [%]		0.5	DIN ISO 787-3
Moisture at 105°C [%]		1.0	DIN ISO 787-2
Oil absorption approx [%]	35		DIN ISO 787-5
Sieve residue on 0.045mm mesh [%]		0.1	DIN 53195
Color compared with standard	Similar-a little		DIN 6174
ΔE		1.0	DIN 6174
PH Value	3.5	7.5	DIN ISO 787-9
Loss on Heating 1000°C 1/2h	14.0		DIN 55913-2
Density	4.0		DIN ISO 787-10
Tamped Density	0.6		DIN ISO 787-11

STANDARD PACKAGING 25kg/bag