

TECHNICAL DATA SHEET

Iron Oxide Brown T4686

| | |
|--------------------------|---|
| 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 | Coating, Construction |

COLOR VALUES AND TINTING STRENGTH

| Reference | Standard: DIN 6174 | | |
|---------------------------------------|--------------------|------------|--------------------|
| | <u>Min</u> | <u>Max</u> | <u>Test Method</u> |
| Reduction with titanium dioxide (1:5) | | 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 [%] | 98.0 | 103.0 | No.038.2009-08-01 |

TECHNICAL DATA

| | <u>Min</u> | <u>Max</u> | <u>Test Method</u> |
|------------------------------------|------------|----------------|--------------------|
| Water-Soluble Content [%] | | 0.5 | DIN ISO787 - 3 |
| Sieve Residue (0.045mm) [%] | | 0.05 | DIN 53195 |
| Fe ₂ O ₃ [%] | 95.0 | | DIN 55913 - 2 |
| PH Value | 5.0 | 7.0 | DIN ISO787 - 9 |
| Moisture (After Production) [%] | | 1.0 | DIN ISO787 - 2 |
| Loss on Heating 1000°C 1/2h [%] | | 4.0 | DIN 55913 - 2 |
| | | <u>Approx.</u> | |
| Waterl Absorption [g/100g] | | ~25 | DIN ISO787 Part 5 |

STANDARD PACKAGING 25kg/bag