



## TECHNICAL DATA

Edition of: 2018-01-01

<b>Trade name</b>	Iron oxide brown			
<b>Type</b>	600			
<b>REACH</b>	Registration No. 01-2119457614-35-0043 , 01-2119457554-33-0014 , 01-2119457646-28-0014			
<b>Chemical class</b>	Synthetic iron oxide (mixture)			
<b>Delivery form</b>	Powder			
<b>Colour index</b>	Combination of Pigment red 101, yellow 42 and black 11			
<b>CAS No./EC No.</b>	1309-37-1, 51274-00-1, 1317-61-9 / 215-168-2,257-098-5,215-277-5			
<b>Specifications</b>	Contents ( Fe <sub>2</sub> O <sub>3</sub> )	%	≥88	ISO1248
	Oil absorption	g/100g	20~30	ISO787-5
	Res. on 325 mesh	%	≤0.3	ISO787-7
	Water soluble matter	%	≤0.5	ISO787-3
	Moisture	%	≤1.5	ISO787-2
	pH value		3.5~7	ISO787-9
	Ignition loss (1,000°C, ½ h)	%	≤9.0	DIN55913
	Bulk density	g/cm <sup>3</sup>	0.6~1.0	ISO787-11
	Specific gravity	g/cm <sup>3</sup>	4.5	ISO787-10
	Predominant particle size	µm	Irregular	SEM
	Dispersibility (Hegman)	µm	---	ISO787-20
	Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
	Color Difference ΔE (Compared with Standard)		≤1.0	ISO787-1
<b>Sales packing</b>	In 25kg paper bag/600kg bulk bag then palletized			
<b>Transport &amp; Storage</b>	Protect against weathering. Store in a dry place. Temperatures of above 80 °C must be avoided			
<b>Safety</b>	The product is not classified as hazardous under EC 1907/2006 & EC 1272/2008			