



CHEMRAWS
CANADA

Chemraws Company

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TECHNICAL DATA SHEET

Trade name	Iron oxide brown			
Type	686			
Color	Brown			
Chemical name	Synthetic iron oxide			
Delivery form	Powder			
Colour index	Combination of Pigment red 101, yellow 42 and black 11			
CAS No./EC No.	1309-37-1, 20344-49-4, 1317-61-9/215-168-2,243-746-4,215-277-5			
Specifications	Contents	%	≥88	ISO1248
	Oil absorption	ml/100g	25~35	ISO787-5
	Res. on 325 mesh	%	≤0.3	ISO787-7
	Water soluble salts	%	≤0.5	ISO787-3
	Moisture	%	≤1.5	ISO787-2
	pH value		4~7	ISO787-9
	Ignition loss (1,000°C, ½ h)	%		DIN55913
	Bulk density	g/cm ³	0.6~0.9	ISO787-11
	Specific gravity	g/cm ³	4.7	ISO787-10
	Particle size BET	µm	Irregular	Electron Micrographs
	Dispersibility (Hegman)	µm		ISO787-20
	Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
	Color Difference ΔE (Compared with Standard)		≤1.0	ISO787-1
Sales packing	In 25kg paper bag/1000kg bulk bag then palletized			
Transport & Storage	Protect against weathering / Store in a dry place, temperatures of above 80 °C must be avoided			
Safety	The product is not classified as hazardous under EC 1907/2006 & EC 1272/2008			