

## TECHNICAL DATA SHEET

Edition of: 2020-08-18

Trade Name	IRON OXIDE PIGMENT RED			
Type	101/110/120/130/140/160/180/190			
REACH	Registration No.01-2119457614-35-xxx			
Chemical Name	Diiron trioxide( Fe <sub>2</sub> O <sub>3</sub> . α H <sub>2</sub> O)			
Delivery form	Powder			
CAS No.	1309-37-1/215-168-2			
Specifications	Contents(Fe <sub>2</sub> O <sub>3</sub> .αH <sub>2</sub> O)	%	≥96	ISO1248
	Oil Absorption	ml/100g	15-25	ISO787-5
	Res.on 325 mesh	%	≤0.3	ISO787-7
	Water soluble salts	%	≤0.3	ISO787-3
	Moisture	%	≤1.0	ISO787-2
	PH value		3.5~7	ISO787-9
	Bulk Density	g/cm <sup>3</sup>	0.7-1.1	ISO787-11
	Specific gravity	g/cm <sup>3</sup>	5.0	ISO787-10
	Tinting Strength	%	97~103	ISO787-24
	Dispersibility(Hegman)	μm	20/25/30	ISO787-20
	Particle Size	μm	0.17	
	Color Difference ΔE		≤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			
Safety	The product is not classified as hazardous under EC 1907/2006 & EC 1272/2008			