

TECHNICAL DATA SHEET

Trade Name	Iron Oxide Black			
Type	999			
Chemical Formula	Fe ₃ O ₄			
Delivery Form	Powder			
Colour Index	Pigment Black 11 (77499)			
Cas No./Ec No.	1317-61-9/215-277-5			
Specification	Contents (Fe ₃ O ₄)	%	≥ 92	ISO1248
	Oil Absorption	ml / 100g	18~24	ISO787-5
	Res. On 325#	%	≤ 0.5	ISO787-5
	Water Soluble Salts	%	≤ 0.5	ISO787-5
	Moisture	%	≤ 1.2	ISO787-2
	pH VALUE		5 ~ 8	ISO787-9
	Loss On Ignition (1000 ⁰ c, 30 Min)	%	≤ 5.0	DIN 55913
	Bulk Density	g /cm ³	0.8 ~ 1.2	ISO787-11
	Specific Gravity	g /cm ³	4.5 ~ 4.8	ISO787-10
	Tinting Strength (Compared With Standard)	%	95 ~ 105	ISO787-21
	Color Difference ΔE (Compared With Standard)		≤ 1.0	ISO787-1
Packing Style	In 25 Kg hdpe Bag with inner liner			
Transport & Storage	Protect Against Weathering / Store In Dry Place, Temperature Of Above 80 ⁰ c Must Be Avoided			
Safety	The Product Is Not Classified As Hazardous Under EC 1907/2006 & EC 1272/2008			