



Laboratory Analytics

Synthetic Iron Oxide

Product Name:	IRON OXIDE YELLOW DB920	Lot N°:	
Date:	Aug. 18 th , 2004	Quantity:	48.000 kg

CHEMICAL AND PHYSICAL ANALYSIS

Properties	Unit	Specification	Value	Test Method
Fe as Fe ₂ O ₃	%	≥ 86.0	87.0	ISO 1248
Matter volatile at 105°C	%	≤ 1.0	0.8	ISO 787-2
Loss on ignition (100°C, 1/2h)	%	≤		DIN 55913
Water soluble matter	%	≤ 0.3	0.25	ISO 787-3
Conductivity	μ s/cm			ISO 787-14
pH value		3↔7	3.5	ISO 787-9
Residue on 325 mesh	%	≤ 0.3	0.12	ISO 787-7
Oil absorption	g/100g	15↔25	31.9	ISO 787-5
Tinting Strength (compared with Standard)	%	95↔105	101	ISO 787-24
Color (compared with Standard)			SIMILAR	ISO 787-1