

Technical Data Sheet

895 Brown Iron Oxide



Introduction:

Dark brown iron oxide pigment

CAS No. Blend of 1309-37-1, 1317-61-9, and 20344-49-4

Uses:

895 Brown Iron Oxide is a non-fading, chemically stable pigment especially suitable for polymer and construction applications, as well as the various chemical uses of iron oxides.

895 Brown Iron Oxide complies with EN12878:2005

Typical Characteristics:

Composition				
	Substance	% Min Weight	% Max Weight	Test Method
	Fe ₂ O ₃	95	99	XRF
	SiO ₂	0.25	0.5	XRF
	Al ₂ O ₃	0.05	0.5	XRF
	Moisture (Measured at time of production)	0	0.6	ISO 787/2
Properties				
	Description	Unit	Value	Test Method
	pH	---	5 - 8	ISO 787/9
	Particle Size	Sieve Residue + 63µ, %	Max 1.00	ISO 787/7
	Colour Difference	DE	1.0 max	CIElab
	Tinting Strength	%	95 – 105	
	Water Soluble Salts	%	0.35	
	Soluble Chloride	%	0.006	
	Total Chloride	%	0.007	

Packaging:

Large Quantities:

24 x 25-kilo multi-ply paper bags on strong wooden pallet. (600 kg pallets)

Small Quantities:

Over slipped with strong multiwall paper sacks

Shelf Life:

If stored in dry conditions, out of direct sunlight and avoidant of extreme temperatures, product performance should be unimpaired for 5 years.

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.