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SunMox® IT

Transparent Iron Oxides



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SunMox® IT



SunMox® IT is portfolio of **transparent iron oxides**. These transparent iron oxide pigments are ultra-fine **inorganic colorants** that provide strong coloration while remaining visually transparent. Their small particle size allows light to pass through, making them ideal for applications where the substrate or grain should remain visible.

They offer excellent UV and weather resistance, which makes them highly suitable for exterior coatings and long-lasting finishes. Transparent iron oxides produce **natural yellow**, **red**, and **brown tones** that are widely used in wood stains and glazes. They also enhance depth and color richness in automotive coatings and metallic systems. In plastics and printing inks, they provide stable, transparent coloration with excellent heat and chemical resistance.

Powder forms

Product	Color Index	BET Surface Area (m^2/g)	Density (g/cm^3)	Heat resistance (° C)	Light-fastness (1–8)	Weather resistence (1–5)
SunMox Yellow IT 101	Pigment Yellow 42	80	3,7	180	8	5
SunMox Red IT 201	Pigment Red 101	85	4,1	300	8	5

Liquid preparations

Product	Color Index	Pigment content	Binder	Solvent	Density (g/cm^3)	Weather resistence (1–5)
SunMox Yellow IT 101 SB	Pigment Yellow 42	48 %	linseed oil	white spirit	1,46	5
SunMox Red IT 201 SB	Pigment Red 101	48 %	linseed oil	white spirit	1,50	5

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