



KIMTEKS®
KİMYASAL ÜRÜNLER
PAZ. İTHALAT VE
İHRACAT LTD. ŞTİ.

TECHNICAL DATA
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Edition of: 2010-12-9

Trade name	Iron oxide red			
Type	H130			
REACH	Registration No.			
Chemical name	Diiron trioxide (Fe ₂ O ₃ · α H ₂ O)			
Delivery form	Powder			
Colour index	Pigment red 101 (77491)			
CAS No./EC No.	1309-37-1/215-168-2			
Specifications	Contents (Fe ₂ O ₃ · α H ₂ 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
	Ignition loss (1,000 ⁰ C, ½ h)	%	≤1.0	DIN55913
	Bulk density	g/cm ³	0.7~1.1	ISO787-11
	Specific gravity	g/cm ³	5.0	ISO787-10
	Particle size BET	µm	0.17	Electron Micrographs
	Dispersibility (Hegman)	µm	20/25/30	ISO787-20
	Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
	Color Difference ΔE (Compared with Standard)		≤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			

Merkez:
Ekin Sanayi Sitesi Sanayi Cad. A2 Blok. No:23
34775 Y.Dudullu - İSTANBUL
web: www.kimteks.org - e-mail: eminkimteks@superonline.com
Tel : +90 216 313 64 80 - Fax: +90 216 313 63 67

Şube:
Atisan San. Sitesi 8. Blok. No:17
Ostim – ANKARA
Tel: +90 312 354 49 92 - Fax: +90 312 354 48 60



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web: www.kimteks.org - e-mail: eminkimteks@superonline.com
Tel : +90 216 313 64 80 - Fax: +90 216 313 63 67

Şube:
Atisan San. Sitesi 8. Blok. No:17
Ostim – ANKARA
Tel: +90 312 354 49 92 - Fax: +90 312 354 48 60