

Piiprox® K180M

Type:	red pigment
Delivery Form:	solid (powder)
Chemical class:	synthetic ironoxid α -Fe ₂ O ₃
Colour Index :	red 101 (77491)
CAS-Nr.:	1309-37-1
REACH Registration No(s).:	01-2119457614-35-0084

Specification: color values and tinting strength against standard

binder: alkyd resin

	Full Shade		Reduction (TiO ₂ , 1:5)	
	min	max	min	max
ΔL^*	-0,5	0,5	-0,5	0,5
Δa^*	-0,6	0,6	-0,6	0,6
Δb^*	-0,6	0,6	-0,6	0,6
ΔE_{ab}^*		0,8		0,8
Rel. Tinting Strength (%)			97	103

Technical Data:	Water soluble content (%)	≤ 0,3
	Sieve residue (0,045mm Sieve) (%)	≤ 0,007
	pH-value	5-7
	Content Fe₂O₃ (%)	≥ 96
	Moisture (after production) (%)	≤ 1,0
	Particle shape	spherical
	Oil absorption (ml / 100g)	~ 16
	Tamped app. density (g/ml)	0,7-1,1

Test methods are based on ISO 1248 and ISO 787

Standard packaging:	25kg bag
Transport and storage:	Protect against weather. Store in a dry place and avoid extreme fluctuations in temperature.
Open packaging:	To prevent the absorption of air moisture close bags shortly after use.
Safety:	The product is not classified as dangerous under EU directives. It is not dangerous according to transport regulations.

Please observe the corresponding material safety data sheet, which contains information on product safety, ecology and handling. MSDS No.: **00242**



PIGMENT INTERNATIONAL GmbH & Co. KG
D-40764 Langenfeld