

Technical Data Sheet

Synthetic Iron Oxide FPA RED[®]-S4

This Technical Data Sheet includes the values and data which are valid and trustable based on our current production process, but not legally binding. We hereby disclaim any liability arising from any damage, errors and omissions or consequential damage.

This Technical Data Sheet supersedes all previous versions. (December 2022)

Physical Properties		Chemical Analysis	
Oil absorption (ML oil/100gr)	10-20	CaO (%)	0.01
Res. On 1500 Mesh (%)	< 3	K2O (%)	0.01
Water soluble salts	≤ 0.3	Fe2O3 (Max. %)	98.90
Moisture (%)	< 1.8	SiO2 (Max. %)	0.01
PH value	5-7	TiO2 (Max. %)	0.01
Volatile matter at 120 °c (%)	10	SO3(%)	0.5
General Data / Particle Size		Loss of Ignition (%)	0.60
Mean grain size D50 (μ)	4.0		
Top – cut D97 (μ)	20		
Specific Gravity (g/ cm ³)	4.5		
Particle shape	Spherical		
Apearance	Red		

Applications;

Paint and Pigment
 Construction
 Rubber Industry
 Plastic Industry
 Polymer Industry
 PVC and UPVC, etc.

Standard Packaging;

25 Kg paper bag
 25 Kg PP bag
 Bulk in Jumbo bag
 25 Kg bags in Jumbo bag
 25 Kg bags on pallet

