

Technical Data Sheet

Solutions for Pigments

Nubifer R-4530

C.I. Pigment Red 101

CAS# 1309-37-1

Red Iron Oxide

EINECS # 215-168-2

C.I. # 77491

Product Description

Nubifer R-4530 is a non Micronized Red Iron Oxide.

Pigment with excellent outdoor durability, light/chemical/heat fastness. Non bleeding and non migratory. Nubifer R-4000 is the basic series recommended for Plastics, Coatings and Cement applications.

Physical & Chemical Properties	Typical Value	Analysis Method
Specific Gravity [g/cm ³]	4,8	ASTM D-153
Fe ₂ O ₃ Content	>94,0%	
Heat Fastness	800°C 5min	NCF-33
Acid Fastness	5	NCF-35
Alkali Fastness	5	NCF-35
Light Fastness	8	NCF-32
Weather Fastness	5	NCF-32

Certified Characteristics	Lot tolerance	Analysis Method
Oil Absorption [g/100 g]	15-25	ASTM D-281
dL in Reduced Shade	-1,00/+1,00	NCF-12
da in Reduced Shade	-1,00/+1,00	NCF-12
db in Reduced Shade	-1,00/+1,00	NCF-12
dE in Reduced Shade	< 1,50	NCF-12
Tinting Strength	100 ±5%	NCF-12
Moisture (when packaged)	< 1,00%	ASTM D-280
Sieve Residue (325 mesh / 45µm)	< 0,50%	ASTM D-185
Soluble Salts	<1,00%	ASTM D-2448

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Ferro Material: 1140277 PS IRX Nubifer.R-4530 Red P000Q00 25KG