

Technical Data Sheet

Solutions for Pigments

Nubifer NB-803K

C.I. Pigment Black 33

CAS# 68186-94-7

Manganese Ferrite Black Oxide

EINECS # 269-056-3

C.I. # 77537

Product Description

Nubifer NB-803K is a Bluish Manganese Ferrite

It has excellent heat fastness, outdoor durability, light and chemical fastness. It is non-bleeding, non-migratory.

Suitable for use in most coatings, plastics and cementitious systems, including high temperature curing, processing and end-use.

Physical & Chemical Properties	Typical Value	Analysis Method
Specific Gravity [g/cm ³]	4,70	ASTM D-153
Oil Absorption [g/100 g]	12-17	ASTM D-281
(Fe,Mn)2O3 Content	> 94,0%	
pH	6,0-9,0	ASTM D-1208
Heat Fastness	> 500°C	NCF-33
Acid Fastness	5	NCF-35
Alkali Fastness	5	NCF-35
Light Fastness	8	NCF-32
Weather Fastness	5	NCF-32
Fineness/Cleanliness	15 /40	NCF-80

Certified Characteristics	Lot tolerance	Analysis Method
dL – Full Shade	- 0,50/+0,50	NCF-12
da – Full Shade	- 0,50/+0,50	NCF-12
db – Full Shade	- 0,50/+0,50	NCF-12
dE – Full Shade	< 1,00	NCF-12
dL – Reduced Shade	- 0,50/+0,50	NCF-12
da – Reduced Shade	- 0,50/+0,50	NCF-12
db – Reduced Shade	- 0,50/+0,50	NCF-12
dE – Reduced Shade	< 1,00	NCF-12
Tinting Strength	100 +/-5%	NCF-12
Moisture (when packaged)	< 0,70%	ASTM D-280
Sieve Residue (325 mesh / 45µm)	< 0,05%	ASTM D-185
Soluble Salts	< 0,50%	ASTM D-2448

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