

COLOUR BLACK FW 310

Product Information

0609

Physico-Chemical Properties

Parameter	Method	Unit	Value
OAN Oil Absorption Number	following ASTM D 2414	ml /100 g	102
BET Surface Area	following ASTM D 6556	m ² /g	600
pH Value	following ISO 787-9		2.5
Volatile Matter at 950°C	following DIN 53552	%	12
Ash Content	following ASTM D 1506	%	0.5
Average Primary Particle Size	following internal method TGZ3	nm	11
Blackness Value M _v	2K-PU solvent- borne system		310
Relative Tint Strength IRB3 = 100%	following ASTM D 3265	%	130

1. General Description

- Furnace Black
- High Color Furnace Type (HCF)
- Colour Index generic name: Pigment Black 7
- Colour Index constitution No.: 77266

2. Chemical Description

Industrially produced Specialty Carbon Black

3. Application

Coatings, Polymers

4. Fastness Properties

Light Fastness Mass Tone ISO105, B01	8
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5. Forms of Supply

Powder, available in 10 kg paper bags

6. Storage Conditions

The high surface area of Specialty Carbon Blacks bears the inherent risk of adsorption of vapors and/or gases, which in turn impacts the product's application relevant properties. It is therefore recommended to always store Specialty Carbon Blacks out of reach of potential contaminants and sources of contamination. Storage temperatures should not exceed 50°C.

Carbon Black should be stored under cool and dry conditions. Please refer to our Product Safety Data Sheet. Densification or adsorption processes etc. may adversely affect the product's application relevant properties. This also applies to storage in silos or other closed containers.

7. Technical Literature

Technical literature on the use of Specialty Carbon Blacks can be ordered from the contact information on the backside.