

PRINTEX[®] F 80

Product Information

0631

Physico-chemical properties

Parameter	Method	Unit	Value
OAN Oil absorption number	following ASTM D 2414	ml/100g	99 beads 105 powder
BET surface area	following ASTM D 6556	m ² /g	225
pH	following ASTM D 1512		9
Blackness value M _v	following DIN 55979		261
Tint strength IRB 3= 100%	following ASTM D 3265		136
Ash content	following ASTM D 1506 A	%	0.1
Sieve residue 45 µm	following ISO 787_18	ppm	<75
Toluene extract	following ATTP 11	%	0.1
Bulk density	following ASTM D 1513	kg/m ³	360 beads 180 powder

1. General description

- High purity furnace black
- Color index generic name: Pigment Black 7
- Colour index constitution No.: 77266

2. Chemical description

Industrially produced specialty carbon black

3. Application

Polymers, high jetness, food contact applications in compliance to FDA 21 CFR 178.3297 and EU 10/2011

4. Forms of supply

Beads, available in 20 kg PE bag on 800 kg pallet, FIBC on 450 kg pallet

Powder, available in 10 kg paper bag on 440 kg pallet

5. 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.

6. Technical literature

Technical literature on the use of specialty carbon blacks can be ordered at the below mentioned address.



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