

PRINTEX[®] kappa 70

Product Information

0542

Physico-chemical properties

Parameter	Method	Unit	Value
OAN Oil absorption number	following ASTM D 2414	ml/100 g	170
STSA	following ASTM D 6556	m ² /g	130
pH	following ASTM D 1512		7.5
Sieve residue 45 µm	following ISO 787_18	ppm	<25
Sulfur	following ASTM D 1506	%	<1
Ash content	following ASTM D 1506 A	%	<0.15
Heating loss (125°C)	following ASTM D 1509	%	1 max.* 1.2 max.**

* FIBC ** Poly bag

1. General description

- Conductive 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, general conductive applications, wire & cable

4. Forms of supply

Beads, available in FIBC 2 x 370 kg doublestack or 730 kg and 15 kg poly bag on a 600 kg pallet.

5. Storage conditions

The high dispersibility 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.

Though correctly stored specialty carbon blacks generally has an unlimited shelf life (no risk of ageing or decomposition), we recommend verifying application related properties after storage periods exceeding 12 months. 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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