

PRINTEX® G

Product Information 0579

PHYSICO-CHEMICAL PROPERTIES

PARAMETER	METHOD	UNIT	VALUE
OAN Oil absorption number	following ASTM D 2414	ml /100 g	104
BET Surface area	following ASTM D 6556	m ² /g	35
pH	following ASTM D 1512		9.0
Volatile matter at 950 °C	following DIN 53552	%	1.6
Sieve residue 45 µm	following ISO 787-18	ppm	<150
Ash content	following ASTM D 1506	%	0.1

GENERAL DESCRIPTION

- Low color furnace black (LCF)
- Color index generic name: Pigment Black 7
- Color Index constitution No.: 77266

CHEMICAL DESCRIPTION

Industrially produced specialty carbon black

APPLICATION

Batteries, coatings, polymers, printing inks

IMPURITY LEVEL

PARAMETER	UNIT	VALUE
Iron	ppm	10
As, Cd, Co, Cr, Cu, Mn, Mo, Ni, V, W, Zn	ppm	Sum <30

Those values are typical impurity levels that can be expected. They are not part of any specification.

FASTNESS PROPERTIES

Light fastness mass tone ISO105, B01	8
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FORMS OF SUPPLY

Powder, available in 12.5 kg paper bags

Beads, available in 25 kg paper bags

REGULATION

Complies with EU Directive 2011/65/EU.

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. Double stacking of pallets is not recommended.

TECHNICAL LITERATURE

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

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