

LAMP BLACK 101

Product Information 0554

PHYSICO-CHEMICAL PROPERTIES

PARAMETER	METHOD	UNIT	VALUE
OAN Oil absorption number	following ASTM D 2414	ml /100 g	140
BET Surface area	following ASTM D 6556	m ² /g	29
pH	following ASTM D 1512		8
Sieve residue 45 µm	following ISO 787-18	ppm	<100
Ash content	following ASTM D 1506	%	0.02

GENERAL DESCRIPTION

- Lamp black
- Color index generic name: Pigment Black 6
- Color index constitution No.: 77266

CHEMICAL DESCRIPTION

Industrially produced specialty carbon black

APPLICATION

Polymers, printing ink, coatings, batteries & special applications

IMPURITY LEVEL

PARAMETER	UNIT	VALUE
Cadmium	ppm	1
Chromium	ppm	1
Copper	ppm	1
Iron	ppm	5
Manganese	ppm	1
Mercury	ppm	1
Nickel	ppm	1
Tungsten	ppm	2

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

FORMS OF SUPPLY

Beads and Powder, available in 25 kg paper bags and 500 kg FIBC

REGULATION

Complies with Commission Regulation (EU) No. 10/2011 on "plastic materials and articles intended to come into contact with food" (14.01.2011) and amendments; Annex I, additive specification for FCM substance No. 411, Ref. No. 42080.

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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