

# PRINTEX® FP

## Product Information

0634

### Physico-chemical properties

Parameter	Method	Unit	Value
OAN Oil absorption number	following ASTM D 2414	ml/100g	102
BET surface area	following ASTM D 6556	m <sup>2</sup> /g	120
pH	following ASTM D 1512		10
Blackness value M <sub>v</sub>	following DIN 55979		245
Tint strength IRB 3= 100%	following ASTM D 3265		109
Ash content	following ASTM D 1506 A	%	0.1
Sulfur content	following ASTM D 1619	%	0.1
Sieve residue 45 µm	following ISO 787_18	ppm	<25
Sieve residue 25 µm	following ISO 787_18	ppm	<50
Toluene extract	following ATTP 11	%	0.1
Bulk density	following ASTM D 1513	kg/m <sup>3</sup>	400

### 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, food contact applications in compliance with FDA 21 CFR 178.3297 and EU 10/2011

### 4. Forms of supply

Beads, available in FIBC 900 kg and 20 kg PE bag on 800 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.



### The Americas

Orion Engineered Carbons LLC  
1700 City Plaza Drive, Suite 300  
Spring, TX 77389  
USA  
Phone +1 832 445 3300

AMERICAS@orioncarbons.com

### Europe/ Middle East/ Africa

Orion Engineered Carbons GmbH  
Frankfurter Straße 60 - 68  
65760 Eschborn  
Germany  
Phone +49 6196 771 929 100

EMEA@orioncarbons.com

### Asia Pacific

Orion Engineered Carbons (China) Investment Co., Ltd.  
Room 2301, 2302, 2307, BM InterContinental Business Center  
100 Yutong Road, Jing'an District, Shanghai 20007  
P. R. China  
Phone +86 21 6107 0966

APAC@orioncarbons.com

### Incorporated in Luxembourg

Orion Engineered Carbons S.A., 6, Route de Trèves, 2633 Senningerberg, Luxembourg, Phone +352 270 48 06 0

### [www.orioncarbons.com](http://www.orioncarbons.com)

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