

AROSPERSE® F138

Product Information

0530

Physico-chemical properties

Parameter	Method	Unit	Value
OAN Oil absorption number	following ASTM D 2414	ml /100 g	102
BET Surface area	following ASTM D 6556	m ² /g	120
pH	following ASTM D 1512		9
Volatile matter at 950 °C	following DIN 53552	%	1
Ash content	following ASTM D 1506	%	0.1
Tint strength	following ASTM D 3265	% vs. IRB#3	120

1. General description

- Furnace black
- Regular color furnace type (RCF)
- Colour index generic name: Pigment Black 7
- Colour index constitution No.: 77266

2. Chemical description

Industrially produced specialty carbon black

3. Application

Coatings, polymers

4. Fastness properties

Light fastness mass tone ISO105, B01	8
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5. Forms of supply

Powder, available in 25 lb PE-bags
Beads, available in 50 lb PE-bags

6. Regulation

AROSPERSE® F138 is compliant 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.

AROSPERSE® F138 is certified for use in plastics as an indirect food additive under FDA code 21 CFR § 178.3297 and FDA, 21 CFR § 175.300 (b)(3)(xxvi) colorants used in accordance with 21 CFR § 178.3297.

7. 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.

8. 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

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