



Speciality Blacks for Food Contact Applications

KOHLENSTOFF® Carbon Blacks

Unleashing the Power of Creative Carbon Black

Himadri offers a range of **JETEX** and **ONYX** Speciality Carbon Blacks to meet food contact requirements across regions include (but not limited to) the following:

Region	Regulation*
European Union	Regulation EU 10/2011, and its amendments Council of Europe resolution AP(89)1
The People's Republic of China	National Food Safety Standard GB 9685-2016

United States: For high purity carbon black applications that require compliance with the FDA regulation 21 CFR 178.3297 Colorants for Polymers, we offer ONYX 300F Speciality carbon black.

*Please contact your local Himadri representative for more information about compliance with other country/region regulatory requirements.

SPECIALITY BLACK FOR FOOD CONTACT	PRODUCT DESCRIPTION
JETEX 175	Speciality Carbon Black providing a good balance of dispersability and colour/covering power
JETEX 107	Designed specifically for applications requiring UV protection; also offers good colour with blue undertone
JETEX 205	High-performance speciality black designed to provide superior UV protection along with good covering power
JETEX 115P / 300P	High performing P-type carbon blacks with excellent jetness and blue tone with good dispersibility in a range of polymers
ONYX 300F	High purity carbon black with excellent jetness and blue tone compliant with FDA regulation 21 CFR 178.3297 for contact with food when used as a colorant in polymers (maximum allowable loading in final articles is 2.5% by weight)
ONYX 903	Medium colour furnace black offering the highest potential to achieve deepest black colour when fully dispersed

Himadri Speciality Chemical Ltd.

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Himadri Food Contact Carbon Black Product Information

Characteristics Units	I ₂ No. ⁽¹⁾ (g/kg)	Oil Absorption No. ⁽¹⁾ (cc/100g)	Regulation EU 10/2011 ⁽²⁾	Regulation GB 9685:2016 ⁽²⁾	U.S. FDA 21 CFR 178.3297 ⁽²⁾
ASTM No.	D-1510	D-2414			
JETEX 175	42	120	✓	✓	
JETEX 107	82	103	✓	✓	
JETEX 205	125	114	✓	✓	
JETEX 115P	80	100	✓	✓	
JETEX 300P	125	105	✓	✓	
ONYX 300F	125	105	✓	✓	✓
ONYX 903	271	58	✓	✓	

(1) Typical values are current as of the date of publication (July 2023)

(2) Loading in final articles cannot exceed 2.5% by weight

Product Form & Logistics

- **Product Form:** Pellets
- **Regional Availability:** Global
- **Bag Packaging Options:** 25 kg polyethylene lined paper bags
- **Bulk Packaging Options:** Flexible Intermediate Bulk Containers (FIBC) depending on region



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