



ONYX Speciality Blacks for Synthetic Fibre Applications

KOHLENSTOFF® Carbon Blacks

Unleashing the Power of Creative Carbon Black

Introducing ONYX 600-series from Himadri Speciality Chemical Ltd. Premium Speciality Carbon Blacks designed for the demanding requirements of synthetic fibre. They are specifically designed to have low physical impurities and good dispersion characteristics to enable extended spin pack life and low fibre breakage during spinning. In addition, our ONYX Speciality blacks offer:

- High colour strength and blue undertone
- Low physical impurities for low filterability
- Good dispersion and processing characteristics

Himadri's family of ONYX speciality blacks for synthetic fibre have proven performance in PET, nylon, and other polymers.

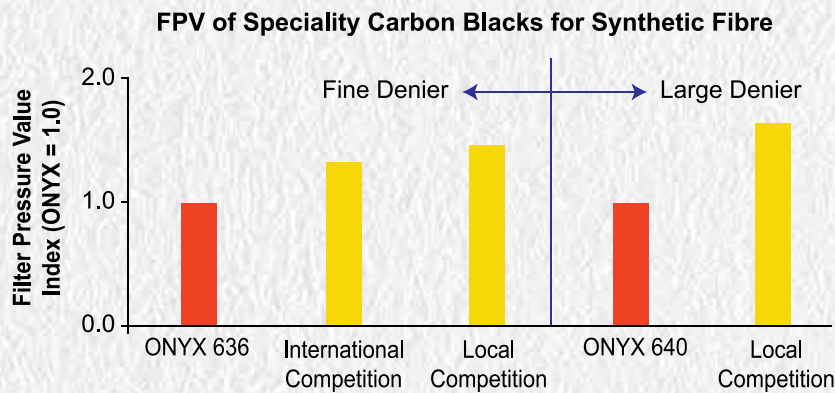
ONYX SPECIALITY BLACKS	PRODUCT DESCRIPTION
ONYX 636	ONYX 636 speciality black offers the lowest the potential filter pressure values (FPV) based on its low physical impurities specifically designed to provide long spin pack life reducing instances of fibre breakage.
ONYX 640	ONYX 640 speciality black is designed for large denier fibre, compared to ONYX 636, while offering more jetness for a darker colour.

Himadri Speciality Chemical Ltd.

Corporate Office: Ruby House 8, India Exchange Place, 2nd Floor, Kolkata 700 001, West Bengal, India
Tel: +91 33 2230-4363/9953 | E-mail: carbonblack@himadri.com



Filter Pressure Performance for Selected Speciality Carbon Blacks for Synthetic Fibre



Comparison of FPV @ 5 μ mesh, 2.5% Let-down ratio in PET base with following masterbatch formulation:

- PET G5801 - 70%
- Carbon Black - 30%

Typical Values for ONYX Carbon Blacks for Synthetic Fibre

Characteristics Units	I ₂ No. (g/kg)	Oil Absorption No. (cc/100g)	Tint (%)	Sieve Residue #325 (ppm)
ASTM No.	D-1510	D-2414	D-3265	D-1514
ONYX 636	125	105	103	20
ONYX 640	130	90	108	20

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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