



ONYX Speciality Blacks for Engineering Plastic Applications KOHLENSTOFF® Carbon Blacks

Unleashing the Power of Creative Carbon Black

Introducing ONYX Premium Speciality Carbon Blacks from Himadri Speciality Chemical Ltd. designed for high-end applications where deep black colour is required at lower loadings compared to our JETEX carbon blacks. Specifically designed to colour engineering plastics or other polymers where the higher loading of regular carbon blacks can impact the mechanical properties of the polymer, ONYX Premium Speciality Carbon Blacks offer the following features:

- Excellent colouring in both jetness and blue undertone at lower loadings
- Minimal defects resulting in good aesthetics in the final plastics part
- Good dispersion characteristics to maximise colour performance
- Lower impact on the underlying mechanical properties of the polymer

Our family ONYX and JETEX carbon blacks offer the capability to achieve a range of colours across a range of polymers and applications.

ONYX SPECIALITY BLACKS	PRODUCT DESCRIPTION
ONYX 901	ONYX 901 & 902 medium colour furnace black offering deep black colour and blue-tone with lower impact on viscosity in both the masterbatch and final articles
ONYX 902	
ONYX 903	Medium colour furnace black offering the highest potential to achieve deepest black colour when fully dispersed
ONYX 913	Premium Medium Colour Furnace Black from Himadri Speciality Chemical Ltd. delivering the dark colour and good blue tone and designed to be easier to disperse

Himadri Speciality Chemical Ltd.

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Typical Values for ONYX Carbon Blacks

Characteristics Units	I ₂ No. (g/kg)	STSA (m ² /g)	Oil Absorption No. (cc/100g)	Ash (%)	Sieve Residue #325 (ppm)
ASTM No.	D-1510	D-6556	D-2414	D-1506	D-1514
ONYX 901	211	186	57	1.0	200
ONYX 902	244	192	55	1.0	200
ONYX 903	271	220	58	1.0	200
ONYX 913	295	198	104	1.0	200

Key Applications

- Moulded parts made with engineering plastics typically used in automotive interiors, consumer electronics, and other high-end durable goods.
- Other plastics moulded parts where deep colour is required at the lower loadings.

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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