



BARONX Speciality Carbon Blacks (Oxidized) for Inks and Coatings

KOHLENSTOFF® Carbon Blacks

Unleashing the power of creative Carbon Black

SPECIALITY CARBON BLACKS	PRODUCT DESCRIPTION	EXAMPLE APPLICATIONS
BARONX 12	High jetness oxidized furnace process carbon black. It is easily dispersed to provide better masstone in water based primers.	<ul style="list-style-type: none"> » Industrial and architectural coatings. » Water based primers.
BARONX 45	An oxidized furnace process carbon black designed for liquid inks needing good opacity and ink density while offering blue undertone for aesthetics in a masstone. The oxidized surface assists dispersion and flowability in inks.	<ul style="list-style-type: none"> » Liquid inks. » UV Cured Inks.
BARONX 37	Oxidized furnace process carbon black offering high jetness, UV protection, and conductivity and is dispersible in water based primers. Oxidation also improves rheology.	<ul style="list-style-type: none"> » Printing and packaging inks. » Automotive, architecture and industrial paints and coatings. » Adhesives and sealants.
BARONX 09	An oxidized furnace process carbon black designed to have high gloss and good color strength making it suitable for a range of printing inks applications. The oxidized surface assists dispersion and flowability in inks.	<ul style="list-style-type: none"> » Lithographic inks. » Liquid inks. » Artificial leather.
BARONX 10	An oxidized furnace carbon black offering excellent jetness, opacity, printability, UV stability and ease of dispersability. BARONX 10 can be used in a wide range of liquid systems including specialty coatings, premium offset inks, and toner.	<ul style="list-style-type: none"> » Printing and packaging inks (inc. sheetfed, gravure, liquid inks, UV Cure). » Automotive finishes. » High jet industrial coatings.
BARONX 32	This high surface area grade provides high color density in masstone paints and coatings, delivering excellent jetness, UV protection & blue undertone.	<ul style="list-style-type: none"> » Solvent & water based ink (Flexo/Gravure). » UV Curing inks. » High jet industrial coatings & powder coatings. » Medium jet automotive applications.
BARONX 55	Himadri's highest surface area grade enabling high jetness and excellent blue undertone. Surface treated to enhance dispersion and wetting in both solvent- and water-borne systems.	<ul style="list-style-type: none"> » OEM automotive coatings and high end refinishing. » High jet industrial coatings & powder coatings.

Himadri Speciality Chemical Ltd.

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Typical Values

Grade	Particle Size (nm)	Oil Absorption Number (OAN) cc/100gm (ASTM D2414)	Tint % (ASTM D3265)	Blackness Value My (DIN 55979)	Volatile Content @ 950degC (DIN53552)
BARONX 12	50	90	65	215	<3
BARONX 45*	31	45	100	251	<2
BARONX 37	29	110	111	242	<5
BARONX 09*	27	71	111	240	<5
BARONX 10	24	103	100	250	<2
BARONX 32	24	105	110	255	<8
BARONX 55	14	95	135	295	<8

BARONX carbon blacks are oxidized and in powder form.

*Complies with EU10/2011 and Swiss Ordinance 817.023.21 for indirect food contact at indicated loadings (by weight).

Product Form & Logistics

- **Product Form:** Powder
- **Regional Availability:** Global
- **Bag Packaging Option:** 20 kg paper bags



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