



Himadri

## COLORX Speciality Carbon Blacks (Powder) for Inks, Coatings & Plastics KOHLENSTOFF® Carbon Blacks

### Unleashing the power of creative Carbon Black

SPECIALITY CARBON BLACKS	PRODUCT DESCRIPTION	EXAMPLE APPLICATIONS
COLORX 44	General purpose pigment black offering basic color and blue tone as well as good tinting power with good viscosity and flow properties. Also available in beaded form as JETEX 145.	<ul style="list-style-type: none"><li>» General inks and coatings</li><li>» Tinting in architectural paints</li><li>» Letterpress printing ink</li><li>» Industrial tinting coatings</li></ul>
COLORX 12	General purpose powder carbon black pigment with low surface area to enable high loading and better flow. It is easy to disperse while offers cost effecting tinting and color.	<ul style="list-style-type: none"><li>» Tinting black for inks, plastics and coatings</li><li>» Graphitized carbon products</li></ul>
COLORX 70	General purpose low color black with high structure suitable for many coloring and tinting applications. It exhibits excellent dispersion and high blue undertone. Also available in beaded form as JETEX 175.	<ul style="list-style-type: none"><li>» Web offset and gravure inks</li><li>» Industrial inks and coatings</li><li>» Tinting for architectural paints</li><li>» Under-the-hood coatings applications.</li></ul>
COLORX 45	Powder black with low structure offering high jetness, excellent blue undertone and good flow properties. Also available in beaded form as JETEX 345.	<ul style="list-style-type: none"><li>» Printing inks, including liquid inks (flexo/gravure)</li><li>» Heat set and sheet-fed offset</li><li>» UV curing inks</li></ul>
COLORX 13	Regular color powder specialty grade with medium structure suitable with good dispersion and processing characteristics needing a higher rheology. Also available in beaded form as JETEX 105.	<ul style="list-style-type: none"><li>» Printing inks</li><li>» Newspaper ink</li><li>» Adhesives &amp; sealants</li></ul>
COLORX 19	General purpose low to medium color black offering good covering power and masstone strength. Its lower structure enables higher loadings or lower rheology. Also available in beaded form as JETEX 111.	<ul style="list-style-type: none"><li>» Letterpress &amp; offset ink</li><li>» Flexo &amp; Gravure Ink</li><li>» Industrial &amp; architectural masstone coatings applications</li></ul>
COLORX 14	Similar to COLORX19 but with higher color strength. Designed to give good gloss in lithographic gloss inks and other liquid inks requiring high gloss and lower viscosity. Also available in beaded form as JETEX 114.	<ul style="list-style-type: none"><li>» Letterpress &amp; offset ink</li><li>» Liquid inks</li></ul>
COLORX 22	Specialty carbon black with high structure and higher surface area offering good covering power, jetness, and UV protection. Also available in beaded form as JETEX 205.	<ul style="list-style-type: none"><li>» Aqueous flexo ink</li><li>» Powders Coatings</li><li>» Industrial and decorative coatings</li><li>» Adhesives &amp; sealants</li><li>» PVC compounding</li></ul>
COLORX 34	Specialty powder carbon black offering excellent jetness and strength in a masstone	<ul style="list-style-type: none"><li>» Decorative coatings, masstone coatings with good jetness and blue undertone</li><li>» Adhesives &amp; sealants</li></ul>

**Himadri Speciality Chemical Ltd.**

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### SPECIALITY CARBON BLACKS

### PRODUCT DESCRIPTION

### EXAMPLE APPLICATIONS

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COLORX 17	Specialty powder carbon black designed for applications needing good gloss, jetness and masstone undertone.	<ul style="list-style-type: none"> <li>» Industrial and powder coatings</li> <li>» Inks including UV cure inks, flexo &amp; gravure, and other ink applications</li> </ul>
COLORX 93	Medium color powder black offering excellent jetness, good UV protection characteristics, and blue undertone. Also available in beaded form.	<ul style="list-style-type: none"> <li>» Industrial &amp; architectural coatings, lower end automotive refinish</li> <li>» Colour dispersions for leather</li> <li>» Engineering plastics compounding</li> </ul>
COLORX 319	High structure medium color powder black providing high color intensity. Easier to disperse than other medium color blacks to provide high jetness in formulations along with good blue undertone. Also available in beaded form.	<ul style="list-style-type: none"> <li>» Industrial and automotive coatings, lower end automotive refinish</li> <li>» Deep black aesthetic application</li> <li>» Specialty medium to higher jet industrial coatings</li> </ul>

### Typical Values

Grade	BET Surface Area m2/g	OAN cc/100gm	Tint (%)
ASTM No.	D-6556	D-2414	D-3265
COLORX 44	30	70	58
COLORX 12	33	90	60
COLORX 70	40	117	60
COLORX 45	62	45	100
COLORX 13	75	103	103
COLORX 19	77	70	112
COLORX 14	103	54	125
COLORX 22	112	115	116
COLORX 34	118	124	120
COLORX 17	120	60	124
COLORX 93	250	58	142
COLORX 319	285	104	143

### Product Form & Logistics

**Product Form:** Powder • **Regional Availability:** Global



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