

ELFTEX® 415 SPECIALTY CARBON BLACK

Product highlights

ELFTEX 415 specialty carbon black is a low structure product designed to exhibit high color strength and gloss in lithographic gloss inks.

Key applications

ELFTEX 415 specialty carbon black is suitable for use in multiple applications including lithographic gloss ink and liquid inks.

Lithographic gloss ink

ELFTEX 415 specialty carbon black is a neutral tone carbon black with low vehicle demand and good color strength. It is used primarily in lithographic gloss ink applications where good color strength and high gloss are required. Because of its low vehicle demand, it is particularly well suited for applications where a highly loaded base is desired.

Liquid inks

ELFTEX 415 specialty carbon black is also suitable for use in liquid inks requiring high gloss and low viscosity.

The dispersibility of ELFTEX 415 specialty carbon black depends on the equipment used and the formulation. A product with similar morphology, ELFTEX 410 pigment black, is available in an easier to handle pelleted form.



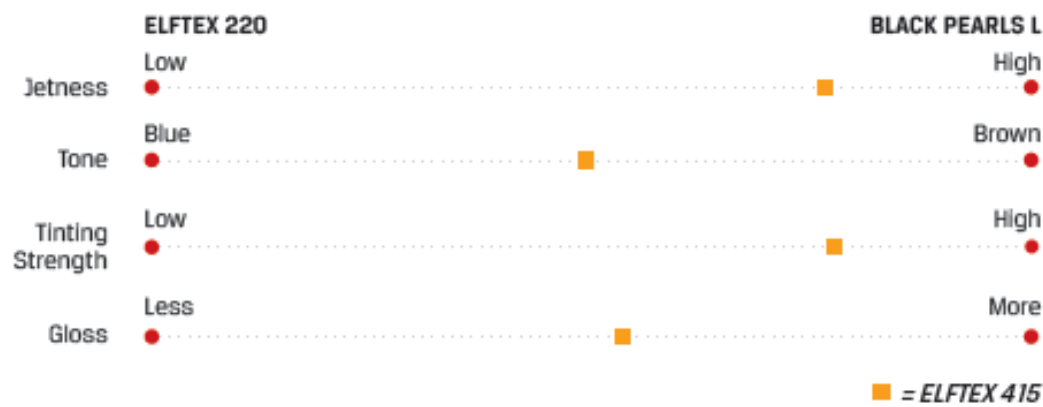
TYPICAL PROPERTIES

PROPERTY	TYPICAL VALUES	TEST METHOD
Iodine number (mg/g)	97	ASTM D-1510
OAN (cc/100g)	54	ASTM D-2414
Tint (%)	124	ASTM D-3265
325 mesh residue (ppm)	<25	ASTM D-1514
Moisture as packed (%)	<1.0	ASTM D-1509

The data in the table above are typical test values intended as guidance only; they are not product specifications. Product specifications are available upon request from your Cabot representative.

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Performance Comparison to Other Gloss Ink Specialty Carbon Blacks



Product form and logistics

- ◆ Product form: Fluffy
- ◆ Bag packaging options: 10 kg bags

For information on product-specific storage conditions, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative or at cabotcorp.com.

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