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CARBON BLACKS -Special-

MONARCH® 120

PRODUCT DESCRIPTION:

Monarch® 120 is a general purpose low color pigment black suitable for a broad range of tinting applications. Easy to disperse, this large particle pigment black has a strong blue tint tone and can be used as a replacement for a variety on non-black pigments. Product form: Fluffy

TYPICAL PROPERTIES:	<u>ASTM#</u>	
Iodine Absorption Number, g/Kg	D1510	30±4
DBP Absorption, ml/100g	D2414	68±5
Ash, %	D1506	1.0 max
Heat Loss, %	D1509	1.0 max
35 Mesh Sieve Residue, ppm	D1514	10.0 max
325 Mesh Sieve Residue, ppm	D1514	200 max

APPLICATIONS:

Printing Inks:

Monarch 120 is a low structure powdered pigment black that is broadly applicable in a variety of inks. It is particularly suitable for web offset coldset and letterpress printing inks offering very blue undertone and high loading opportunities. Additionally, it provides excellent rub resistance, good viscosity and flow properties.

Coatings:

Monarch 120 pigment black can be used in a variety of coatings applications. It is recommended for underbody/underhood automotive, general industrial, or architectural trade sales applications wher high jetness is not required. It can be easily dispersed using high speed disperser for liquid coatings or a single screw extruder for powder coatings.

Other applications:

In addition to the applications listed above, this product is commonly used as a pigment in Sealant Systems and General Dispersion.

Monarch® is a registered trade name of Cabot Corporation

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