

PRODUCT SPECIFICATIONS & INFORMATION



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Applied Technology Center, 2 Turner Place, Piscataway, NJ 08855 Phone: 866-893-7824, FAX (732) 981-5310 - Carbon Black in Coatings Applications

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PRODUCT: Arosperse[®] 5

Arosperse[®] 5 finds use in plastics, molded goods, coatings and inks imparting a blue tone. It is easily dispersible providing excellent processing and smooth extrusions. Specific applications include high pressure pipe, thermoplastic film, geomembrane and as a lampblack replacement.

METHOD #	PROPERTIES	UNIT	TYPICAL RANGE
<u>GENERAL SPECIFICATIONS</u>			
ASTM D1510	Iodine Adsorption Number	g/kg	39 - 47
ASTM D2414	Oil Absorption Number (DBP)	cm ³ /100g	117 - 125
ASTM D3265	Tint Strength	%ITRB	55 - 63
ASTM D1509	Heating Loss (125°C)	%	0.5 max
ASTM D1506	Ash Content	%	0.3 max
ASTM D1514	Sieve Residue (325 mesh)	%	0.003 max

SUPPLEMENTAL INFORMATION (not certified)

			Typical Value
ASTM D3849	Primary Particle Size (EM)	nm	42
ASTM D5230	Individual Pellet Hardness (Avg)	g	20
ASTM D5230	Individual Pellet Hardness (High)	g	35

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