

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® 3

Arosperse® 3 is a medium color specialty carbon black that provides good dispersibility with medium to long term UV protection. Its low sieve residue and low ash levels result in good extrudability and low screen pressure buildup. Uses include high pressure plastic pipe, geomembrane, geogrid and wire & cable jacketing.

METHOD #	PROPERTIES	UNIT	TYPICAL RANGE
<u>GENERAL SPECIFICATIONS</u>			
ASTM D1510	Iodine Adsorption Number	g/kg	76 - 84
ASTM D2414	Oil Absorption Number (DBP)	cm ³ /100g	98 - 106
ASTM D3265	Tint Strength	%ITRB	99 - 107
ASTM D1509	Heating Loss (125°C)	%	0.8 max
ASTM D1506	Ash Content	%	0.3 max
ASTM D1514	Sieve Residue (325 mesh)	%	0.0035 max

SUPPLEMENTAL INFORMATION (not certified)

			Typical Value
ASTM D3849	Primary Particle Size (EM)	nm	29
ASTM D5230	Individual Pellet Hardness (Avg)	g	20
ASTM D5230	Individual Pellet Hardness (High)	g	40

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