

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: Aroperse® 11

Aroperse® 11 is an easily dispersed, UV stabilizing black. This product has very low ash and sieve residue resulting in very low screen pressure buildup and low screen blockage when mixed in polymers. It imparts very good jetness and color tone to general purpose polyolefins and engineered resins. Loadings up to 2.5% Aroperse® 11 produce long term UV stability.

METHOD #	PROPERTIES	UNIT	TYPICAL RANGE
<u>GENERAL SPECIFICATIONS</u>			
ASTM D6556	Nitrogen Surface Area (BET)	m ² /g	115 - 125
ASTM D2414	Oil Absorption Number (DBP)	cm ³ /100g	110 - 118
ASTM D3265	Tint Strength	%ITRB	116 - 124
ASTM D1509	Heating Loss (125°C)	%	0.8 max
ASTM D1506	Ash Content	%	0.3 max
ASTM D1514	Sieve Residue (325 mesh)	%	0.0025 max

SUPPLEMENTAL INFORMATION (not certified)

			Typical Value
ASTM D3849	Primary Particle Size (EM)	nm	19
ASTM D1619	Sulfur Content	%	0.4
ASTM D5230	Individual Pellet Hardness (Avg)	g	5
ASTM D5230	Individual Pellet Hardness (High)	g	12

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