

Electrafil® ABS-1200/SD/FR BL

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene*

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
RoHS Compliance	• RoHS Compliant
Forms	• Pellets

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.21		ASTM D792
Water Absorption (24 hr)	0.30	%	ASTM D570
Mechanical			
Tensile Modulus	310000	psi	ASTM D638
Tensile Strength	6000	psi	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	190000	psi	ASTM D790
Flexural Strength	6500	psi	ASTM D790
Impact			
Notched Izod Impact	2.5	ft-lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	160	°F	ASTM D648
Electrical			
Surface Resistivity	1.0E+11	ohms	ASTM D257
Flammability			
Flame Rating (0.06 in)	V-0		UL 94
Additional Information			
Surface Resistivity, Techmer Test Method: 1e10 to 1e12 ohm			

