

# Electrafil® ABS-1200/SD/FR BL

Acrylonitrile Butadiene Styrene

Techmer Engineered Solutions

## Message:

Electrafil®ABS-1200/SD/FR BL is an acrylonitrile butadiene styrene (ABS) product. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

Features include:

flame retardant/rated flame

ROHS certification

General Information			
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm <sup>3</sup>	ASTM D792
Water Absorption (24 hr)	0.30	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2140	MPa	ASTM D638
Tensile Strength	41.4	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	1310	MPa	ASTM D790
Flexural Strength	44.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+11	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	V-0		UL 94
Additional Information			
Surface Resistivity, Techmer Test Method: 1e10 to 1e12 ohm			

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