

Multibase Multi-ABS 2925 FR Flame Retardant ABS

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Unreinforced, Flame Retardant

Material Notes:

Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-ABS-2925-FR-Flame-Retardant-ABS.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	ASTM D792-91
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D-1238-94a
	@Load 3.80 kg, Temperature 230 °C	@Load 8.38 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	35.2 MPa	5110 psi	ASTM D638-95
Elongation at Break	30 %	30 %	ASTM D638-95
Flexural Modulus	2.00 GPa	290 ksi	RT; ASTM D-790-95

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	161 °C	322 °F	injection molded unannealed; ASTM D-648-95
	195 °C	383 °F	compression molded annealed; ASTM D-648-95
	196 °C	385 °F	injection molded annealed; ASTM D-648-95
Vicat Softening Point	99.0 °C	210 °F	ASTM D1525-95
Flammability, UL94	V-0	V-0	5V
	@Thickness 3.17 mm	@Thickness 0.125 in	
	V-0	V-0	
	@Thickness 1.59 mm	@Thickness 0.0625 in	

Electrical Properties	Metric	English	Comments
Dielectric Strength	35.4 kV/mm	899 kV/in	ASTM D149-95

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