

Solvay Specialty Polymers Amodel® AS-4133 HN Polyphthalamide (PPA), Conditioned (discontinued **)

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

Material Notes:

Availability: Asia Pacific; Europe; North America Information provide by Solvay Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Amodel-AS-4133-HN-Polyphthalamide-PPA-Conditioned-nbspdiscontinued-.php

Mechanical Properties	Metric	English	Comments
Tensile Strength	172 MPa	24900 psi	ASTM D638
Elongation at Break	2.2 %	2.2 %	ASTM D638
Tensile Modulus	11.7 GPa	1700 ksi	ASTM D638
Flexural Strength	241 MPa	35000 psi	ASTM D790
Flexural Modulus	11.0 GPa	1600 ksi	ASTM D790
Compressive Strength	172 MPa	24900 psi	ASTM D695
Shear Strength	75.8 MPa	11000 psi	ASTM D732
Izod Impact, Notched	0.690 J/cm	1.29 ft-lb/in	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	5.00e+14 ohm-cm	5.00e+14 ohm-cm	ASTM D257
Dielectric Constant	3.4	3.4	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dielectric Strength	4.3	4.3	ASTM D150
	@Frequency 60.0 Hz	@Frequency 60.0 Hz	
Dielectric Strength	20.0 kV/mm	508 kV/in	ASTM D149
	@Thickness 1.60 mm	@Thickness 0.0630 in	
Dissipation Factor	0.019	0.019	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	0.020	0.020	ASTM D150
	@Frequency 60.0 Hz	@Frequency 60.0 Hz	

Comparative Tracking Index Electrical Properties	600 V Metric	600 V English	Comments
High Voltage Arc-Tracking Rate, HVTR	18.0 mm/min	0.709 in/min	UL 746

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