

Radici Radiflam® A RV300AF (cond.) Nylon 66-30GF

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Radiflam® A is a range of flame retardant polyamides 66 (PA 66) used for injection molding and extrusion for all applications where high fire resistance is required. Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radiflam-A-RV300AF-cond-Nylon-66-30GF.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.47 g/cc	1.47 g/cc	(Dry)
Water Absorption	5.5 %	5.5 %	initially dry
Moisture Absorption at Equilibrium	1.3 %	1.3 %	initially dry

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	85.0 MPa	12300 psi	
Elongation at Break	2.2 %	2.2 %	
Tensile Modulus	8.00 GPa	1160 ksi	
Charpy Impact Unnotched	5.10 J/cm ²	24.3 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	6.50 J/cm ²	30.9 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.850 J/cm ²	4.04 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	1.20 J/cm ²	5.71 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	(Dry)

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	
Comparative Tracking Index	550 V	550 V	

Electrical Properties

Metric

English

Comments

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