

Radici Radilon® A CF350 (dry) Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Radilon® A is a range of polyamide 66 (PA66) products obtained through the polymerization of hexamethylenediamine and adipic acid, and used for injection, extrusion and blow-molding. Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radilon-A-CF350-dry-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	
Water Absorption	5.6 %	5.6 %	
Moisture Absorption at Equilibrium	1.3 %	1.3 %	
Viscosity Measurement	270	270	cm ³ /g Viscosity Number

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	230 MPa	33400 psi	
Elongation at Break	1.5 %	1.5 %	
Tensile Modulus	28.2 GPa	4090 ksi	
Charpy Impact Unnotched	4.10 J/cm ²	19.5 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	5.00 J/cm ²	23.8 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.490 J/cm ²	2.33 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	0.660 J/cm ²	3.14 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	
Deflection Temperature at 0.46 MPa (66 psi)	245 °C	473 °F	
Deflection Temperature at 1.8 MPa (264 psi)	240 °C	464 °F	

Thermal Properties	240 °C Metric	464 °F English	Comments
	@Load 5.10 kg	@Load 11.2 lb	
Flammability, UL94	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	HB	HB	
	@Thickness 0.800 mm	@Thickness 0.0315 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1000 ohm-cm	1000 ohm-cm	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China