

Radici Radilon® S RV350 (cond.) Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Radilon® S is a range of polyamide 6 (PA6) products obtained through the polymerization of caprolactam 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-S-RV350-cond-Nylon-6.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	(Dry)
Water Absorption	6.4 %	6.4 %	initially dry
Moisture Absorption at Equilibrium	1.8 %	1.8 %	initially dry
Viscosity Measurement	145	145	cm ³ /g Viscosity Number

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	
Elongation at Break	3.5 %	3.5 %	
Tensile Modulus	7.35 GPa	1070 ksi	
Charpy Impact Unnotched	10.0 J/cm ² @Temperature 23.0 °C	47.6 ft-lb/in ² @Temperature 73.4 °F	
Charpy Impact, Notched	2.80 J/cm ² @Temperature 23.0 °C	13.3 ft-lb/in ² @Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °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	

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