

## Radici Radilon® A CV300LK (cond.) 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-CV300LK-cond-Nylon-66.php](http://www.lookpolymers.com/polymer_Radici-Radilon-A-CV300LK-cond-Nylon-66.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	(Dry)
Water Absorption	7.6 %	7.6 %	initially dry
Moisture Absorption at Equilibrium	1.7 %	1.7 %	initially dry

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	
Elongation at Break	5.9 %	5.9 %	
Tensile Modulus	2.80 GPa	406 ksi	
Charpy Impact Unnotched	3.00 J/cm <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	3.00 J/cm <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	0.230 J/cm <sup>2</sup>	1.09 ft-lb/in <sup>2</sup>	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	0.320 J/cm <sup>2</sup>	1.52 ft-lb/in <sup>2</sup>	
	@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

## Contact Songhan Plastic Technology Co.,Ltd.

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