

## Radici Radilon® S RCP3010LK (cond.) Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Glass/Mineral Reinforced

### Material Notes:

PA6 30% Glass Fiber and mineral filler reinforced injection molding grade. Good stiffness and good dimensional stability. Heat stabilized, good surface finish. Information provided by Radici group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Radici-Radilon-S-RCP3010LK-cond-Nylon-6.php](http://www.lookpolymers.com/polymer_Radici-Radilon-S-RCP3010LK-cond-Nylon-6.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	65.0 MPa	9430 psi	
Elongation at Break	2.9 %	2.9 %	
Tensile Modulus	6.25 GPa	906 ksi	
Charpy Impact Unnotched	4.90 J/cm <sup>2</sup>	23.3 ft-lb/in <sup>2</sup>	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact Unnotched	5.20 J/cm <sup>2</sup>	24.7 ft-lb/in <sup>2</sup>	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.550 J/cm <sup>2</sup>	2.62 ft-lb/in <sup>2</sup>	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	0.850 J/cm <sup>2</sup>	4.04 ft-lb/in <sup>2</sup>	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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.

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