

**Radici Radilon® SRCP3010LK (dry) Nylon 6**

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

**Material Notes:**

Heat stabilized glass-fiber reinforced and mineral reinforced Information provided by Radici group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Radici-Radilon-SRCP3010LK-dry-Nylon-6.php](http://www.lookpolymers.com/polymer_Radici-Radilon-SRCP3010LK-dry-Nylon-6.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	95.0 MPa	13800 psi	ISO 527-1/2
Elongation at Break	2.9 %	2.9 %	ISO 527-1/2
Tensile Modulus	8.20 GPa	1190 ksi	ISO 527-1/2
Flexural Strength	145 MPa	21000 psi	ISO 178
Flexural Modulus	7.05 GPa	1020 ksi	ISO 178
Charpy Impact Unnotched	4.50 J/cm <sup>2</sup>	21.4 ft-lb/in <sup>2</sup>	ISO 179/1eU
Charpy Impact, Notched	0.600 J/cm <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO 1135 7-1-3
Deflection Temperature at 0.46 MPa (66 psi)	215 °C	419 °F	ISO 75/2Bf
Deflection Temperature at 1.8 MPa (264 psi)	200 °C	392 °F	ISO 75/2Af
Vicat Softening Point	210 °C	410 °F	ISO 306
Flammability, UL94	HB @Thickness 0.800 mm	HB @Thickness 0.0315 in	

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