

**Radici Radilon® CARV300 L (dry) Copolyamide 66/6**

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/Nylon 6 Blend, Glass Fiber Filled

**Material Notes:**

Glass-fiber reinforced Information provided by Radici group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Radici-Radilon-CARV300-L-dry-Copolyamide-666.php](http://www.lookpolymers.com/polymer_Radici-Radilon-CARV300-L-dry-Copolyamide-666.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	165 MPa	23900 psi	ISO 527-1/2
Elongation at Break	3.3 %	3.3 %	ISO 527-1/2
Tensile Modulus	10.3 GPa	1490 ksi	ISO 527-1/2
Flexural Strength	240 MPa	34800 psi	ISO 178
Flexural Modulus	8.15 GPa	1180 ksi	ISO 178
Charpy Impact Unnotched	6.80 J/cm <sup>2</sup>	32.4 ft-lb/in <sup>2</sup>	ISO 179/1eU

Thermal Properties	Metric	English	Comments
Melting Point	245 °C	473 °F	ISO 1135 7-1-3
Deflection Temperature at 0.46 MPa (66 psi)	235 °C	455 °F	ISO 75/2Bf
Deflection Temperature at 1.8 MPa (264 psi)	215 °C	419 °F	ISO 75/2Af
Vicat Softening Point	225 °C	437 °F	ISO 306
Flammability, UL94	HB @Thickness 0.800 mm	HB @Thickness 0.0315 in	

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