

Radici Radilon® SERV3808 K (dry) Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Glass Filled, Impact Grade

Material Notes:

Heat stabilized glass-fiber reinforced with high impact strengthInformation provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radilon-SERV3808-K-dry-Nylon-6.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	130 MPa	18900 psi	ISO 527-1/2
Elongation at Break	3.9 %	3.9 %	ISO 527-1/2
Tensile Modulus	8.40 GPa	1220 ksi	ISO 527-1/2
Flexural Strength	200 MPa	29000 psi	ISO 178
Flexural Modulus	6.70 GPa	972 ksi	ISO 178
Charpy Impact, Notched	1.80 J/cm ²	8.57 ft-lb/in ²	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)	205 °C	401 °F	ISO 75/2Bf
Deflection Temperature at 1.8 MPa (264 psi)	200 °C	392 °F	ISO 75/2Af
Vicat Softening Point	205 °C	401 °F	ISO 306
Flammability, UL94	HB	HB	
	@Thickness 0.800 mm	@Thickness 0.0315 in	

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