

Radici Radilon® A GV H0 30P Nylon 66-GF30

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 30% Glass Fiber Filled

Material Notes:

Automotive cooling liquid resistant PA66-GF30 grade designed to resist even in more severe operating condition. Indicated as "top of the class" material. Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radilon-A-GV-H0-30P-Nylon-66-GF30.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ISO 1183
Water Absorption	1.7 %	1.7 %	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	175 MPa	25400 psi	ISO 527
Elongation at Break	3.0 %	3.0 %	ISO 527
Tensile Modulus	9.70 GPa	1410 ksi	ISO 527
Flexural Modulus	8.60 GPa	1250 ksi	ISO 178
Charpy Impact, Notched	0.800 J/cm ²	3.81 ft-lb/in ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	250 °C	482 °F	ISO 75
Flammability, UL94	HB @Thickness 1.00 mm	HB @Thickness 0.0394 in	

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