

**Radici Radiflam® ARV350 AF (dry) Nylon 66**

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

**Material Notes:**

PA66 Self-extinguishing glass-fiber reinforced with phosphorous Information provided by Radici group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Radici-Radiflam-ARV350-AF-dry-Nylon-66.php](http://www.lookpolymers.com/polymer_Radici-Radiflam-ARV350-AF-dry-Nylon-66.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.48 g/cc	1.48 g/cc	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	135 MPa	19600 psi	ISO 527-1/2
Elongation at Break	2.1 %	2.1 %	ISO 527-1/2
Tensile Modulus	10.65 GPa	1545 ksi	ISO 527-1/2
Flexural Strength	205 MPa	29700 psi	ISO 178
Flexural Modulus	8.75 GPa	1270 ksi	ISO 178
Charpy Impact Unnotched	5.50 J/cm <sup>2</sup>	26.2 ft-lb/in <sup>2</sup>	ISO 179/1eU
Charpy Impact, Notched	1.10 J/cm <sup>2</sup>	5.23 ft-lb/in <sup>2</sup>	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ISO 1135 7-1-3
Deflection Temperature at 0.46 MPa (66 psi)	250 °C	482 °F	ISO 75/2Bf
Deflection Temperature at 1.8 MPa (264 psi)	235 °C	455 °F	ISO 75/2Af
Vicat Softening Point	245 °C	473 °F	ISO 306
Flammability, UL94	V-0 @Thickness 0.800 mm	V-0 @Thickness 0.0315 in	

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