

Radici Radiflam® ARV300 AE (dry) Nylon 66

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

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radiflam-ARV300-AE-dry-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.61 g/cc	1.61 g/cc	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	155 MPa	22500 psi	ISO 527-1/2
Elongation at Break	2.1 %	2.1 %	ISO 527-1/2
Tensile Modulus	12.35 GPa	1791 ksi	ISO 527-1/2
Flexural Strength	240 MPa	34800 psi	ISO 178
Flexural Modulus	10.8 GPa	1570 ksi	ISO 178
Charpy Impact Unnotched	5.60 J/cm ²	26.6 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	0.950 J/cm ²	4.52 ft-lb/in ²	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)	235 °C	455 °F	ISO 75/2Bf
Deflection Temperature at 1.8 MPa (264 psi)	225 °C	437 °F	ISO 75/2Af
Vicat Softening Point	240 °C	464 °F	ISO 306
Flammability, UL94	V-0 @Thickness 0.800 mm	V-0 @Thickness 0.0315 in	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China