

## Radici Radiflam® A RV250FR (dry) Nylon 66-25GF

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

### Material Notes:

Radiflam® A is a range of flame retardant polyamides 66 (PA 66) used for injection molding and extrusion for all applications where high fire resistance is required. Information provided by Radici group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Radici-Radiflam-A-RV250FR-dry-Nylon-66-25GF.php](http://www.lookpolymers.com/polymer_Radici-Radiflam-A-RV250FR-dry-Nylon-66-25GF.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	
Water Absorption	2.4 %	2.4 %	
Moisture Absorption at Equilibrium	0.90 %	0.90 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	155 MPa	22500 psi	
Elongation at Break	2.3 %	2.3 %	
Tensile Modulus	14.0 GPa	2030 ksi	
Charpy Impact Unnotched	3.00 J/cm <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	4.00 J/cm <sup>2</sup>	19.0 ft-lb/in <sup>2</sup>	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.380 J/cm <sup>2</sup>	1.81 ft-lb/in <sup>2</sup>	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	0.420 J/cm <sup>2</sup>	2.00 ft-lb/in <sup>2</sup>	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	
Deflection Temperature at 0.46 MPa (66 psi)	220 °C	428 °F	
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	
Vicat Softening Point	220 °C	428 °F	50°C/h
	@Load 5.10 kg	@Load 11.2 lb	

Thermal Properties	Metric	English	Comments
Flammability, UL94	@Thickness 1.60 mm	@Thickness 0.0630 in	
	V-0	V-0	
	@Thickness 0.800 mm	@Thickness 0.0315 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	$\geq 1.00e+11$ ohm-cm	$\geq 1.00e+11$ ohm-cm	

## Contact Songhan Plastic Technology Co.,Ltd.

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