

Radici Radiflam® SFR (dry) Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

PA6 Self-extinguishing without halogen or phosphorous Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radiflam-SFR-dry-Nylon-6.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	ISO 527-1/2
Elongation at Break	30 %	30 %	ISO 527-1/2
Elongation at Yield	4.0 %	4.0 %	ISO 524-1/2
Tensile Modulus	3.35 GPa	486 ksi	ISO 527-1/2
Flexural Strength	95.0 MPa	13800 psi	ISO 178
Flexural Modulus	2.80 GPa	406 ksi	ISO 178
Charpy Impact, Notched	0.350 J/cm²	1.67 ft-lb/in²	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)	160 °C	320 °F	ISO 75/2Bf
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	ISO 75/2Af
Vicat Softening Point	195 °C	383 °F	ISO 306
Flammability, UL94	V-0	V-0	
	@Thickness 0.800 mm	@Thickness 0.0315 in	

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