

Radici Radiflam® S FR (cond.) Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced, Flame Retardant

Material Notes:

PA6 flame retardant injection molding grade. Halogen and phosphorus free. Natural color. Suitable for monofilament extrusion. Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radiflam-S-FR-cond-Nylon-6.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	45.0 MPa	6530 psi	
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	28 %	28 %	
Tensile Modulus	2.45 GPa	355 ksi	
Charpy Impact Unnotched	NB	NB	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	NB	NB	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	0.220 J/cm²	1.05 ft-lb/in²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	0.400 J/cm²	1.90 ft-lb/in²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	
Comparative Tracking Index	600 V	600 V	

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