

Radici Radilon® CST 38FL (cond.) Nylon 6/66

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66

Material Notes:

Radilon® CS is a range of polyamide 6/66 copolymers obtained through the polymerization of caprolactam and hexamethylenediamine salt with adipic acid. Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radilon-CST-38FL-cond-Nylon-666.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.0 MPa	5080 psi	
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	11 %	11 %	
Tensile Modulus	1.25 GPa	181 ksi	
Charpy Impact Unnotched	NB	NB	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact Unnotched	NB	NB	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	0.290 J/cm ²	1.38 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	15.0 J/cm ²	71.4 ft-lb/in ²	
	@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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