

Radici Radilon® S 40E (cond.) Nylon 6

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

Material Notes:

PA6 high viscosity injection molding suitable also for extrusion. Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radilon-S-40E-cond-Nylon-6.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	42.0 MPa	6090 psi	
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	25 %	25 %	
Tensile Modulus	1.15 GPa	167 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	0.520 J/cm²	2.47 ft-lb/in²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	1.50 J/cm²	7.14 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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