

Radici Radilon® S 38L Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Film Grade

Material Notes:

Radilon® S (homopolyamides) are normally used in cast and blown extrusion for the production of packaging films. Radilon® S grades can be extruded to a thickness varying from 20 mm to 100 mm. Application: Bi-oriented cast film. Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radilon-S-38L-Nylon-6.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ISO 1183
Viscosity Measurement	234	234	cm³/g Viscosity Number; ISO 307

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	ISO 5271/2
Elongation at Break	3.8 %	3.8 %	ISO 5271/2
Tensile Modulus	2.80 GPa	406 ksi	ISO 5271/2
Flexural Strength	100 MPa	14500 psi	ISO 178
Flexural Modulus	2.50 GPa	363 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO 11357-1

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.060 %	<= 0.060 %	ISO 960D

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