

Radici Radilon® CST 38FL (dry) Copolyamide 6 semiaromatic

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

Material Notes:

Radilon® CS can be used for blown film extrusion in general as well as being particularly suited for co-extrusion with PE because it improves the transparency and thermoformability of the film. Application: Co-extrusion of cast/blown film high transparency. Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radilon-CST-38FL-dry-Copolyamide-6-semiaromatic.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ISO 1183
Viscosity Measurement	230	230	cm ³ /g Viscosity Number; ISO 307

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	80.0 MPa	11600 psi	ISO 5271/2
Elongation at Break	4.1 %	4.1 %	ISO 5271/2
Tensile Modulus	2.80 GPa	406 ksi	ISO 5271/2
Flexural Strength	95.0 MPa	13800 psi	ISO 178
Flexural Modulus	2.30 GPa	334 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	210 - 220 °C	410 - 428 °F	ISO 11357-1

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

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