

## Radici Radilon® S 37FL T 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: Cast/blown film extrusion Information provided by Radici group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Radici-Radilon-S-37FL-T-Nylon-6.php](http://www.lookpolymers.com/polymer_Radici-Radilon-S-37FL-T-Nylon-6.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ISO 1183
Viscosity Measurement	226	226	cm <sup>3</sup> /g Viscosity Number; ISO 307

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	80.0 MPa	11600 psi	ISO 5271/2
Elongation at Break	3.5 %	3.5 %	ISO 5271/2
Tensile Modulus	3.30 GPa	479 ksi	ISO 5271/2
Flexural Strength	105 MPa	15200 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

## Contact Songhan Plastic Technology Co.,Ltd.

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