

## Radici Radilon® CS38 Copolyamide 6 semiaromatic

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

**Material Notes:**

Film extrusion grade Information provided by Radici group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Radici-Radilon-CS38-Copolyamide-6-semiaromatic.php](http://www.lookpolymers.com/polymer_Radici-Radilon-CS38-Copolyamide-6-semiaromatic.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	ISO 527-1/2
Elongation at Break	>= 50 %	>= 50 %	ISO 527-1/2
Elongation at Yield	4.0 %	4.0 %	ISO 524-1/2
Tensile Modulus	2.30 GPa	334 ksi	ISO 527-1/2
Flexural Strength	65.0 MPa	9430 psi	ISO 178
Flexural Modulus	1.75 GPa	254 ksi	ISO 178
Charpy Impact, Notched	0.600 J/cm <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	193 °C	379 °F	ISO 1135 7-1-3
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ISO 75/2Af
Vicat Softening Point	70.0 °C	158 °F	ISO 306
Flammability, UL94	HB @Thickness 0.800 mm	HB @Thickness 0.0315 in	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China