

## Radici Radilon® CAHS (dry) Copolyamide 66/6

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/6 , Unreinforced

**Material Notes:**

General purpose information provided by Radici group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Radici-Radilon-CAHS-dry-Copolyamide-666.php](http://www.lookpolymers.com/polymer_Radici-Radilon-CAHS-dry-Copolyamide-666.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	80.0 MPa	11600 psi	ISO 527-1/2
Elongation at Break	35 %	35 %	ISO 527-1/2
Elongation at Yield	3.9 %	3.9 %	ISO 524-1/2
Tensile Modulus	3.00 GPa	435 ksi	ISO 527-1/2
Flexural Strength	100 MPa	14500 psi	ISO 178
Flexural Modulus	2.50 GPa	363 ksi	ISO 178
Charpy Impact, Notched	0.500 J/cm <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	245 °C	473 °F	ISO 1135 7-1-3
Deflection Temperature at 0.46 MPa (66 psi)	180 °C	356 °F	ISO 75/2Bf
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ISO 75/2Af
Vicat Softening Point	210 °C	410 °F	ISO 306
Flammability, UL94	HB @Thickness 0.800 mm	HB @Thickness 0.0315 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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