

Radici Radilon® ALX14080 (dry) Nylon 66

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

Material Notes:

Medium high viscosity Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radilon-ALX14080-dry-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	80.0 MPa	11600 psi	ISO 527-1/2
Elongation at Break	>= 50 %	>= 50 %	ISO 527-1/2
Elongation at Yield	4.2 %	4.2 %	ISO 524-1/2
Tensile Modulus	3.25 GPa	471 ksi	ISO 527-1/2
Flexural Strength	110 MPa	16000 psi	ISO 178
Flexural Modulus	2.60 GPa	377 ksi	ISO 178
Charpy Impact, Notched	0.670 J/cm²	3.19 ft-lb/in²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ISO 1135 7-1-3
Deflection Temperature at 0.46 MPa (66 psi)	200 °C	392 °F	ISO 75/2Bf
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	ISO 75/2Af
Vicat Softening Point	240 °C	464 °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

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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