

## Asahi Kasei Leona® 9400S Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Impact Grade

**Material Notes:**

Excellent impact resistance. Suitable for thick-wall parts.Applications:Railroad tie insulatorsInformation provided by Asahi Kasei

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Asahi-Kasei-Leona-9400S-Nylon-66.php](http://www.lookpolymers.com/polymer_Asahi-Kasei-Leona-9400S-Nylon-66.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	Dry; ASTM D792
Water Absorption	2.8 %	2.8 %	Wet

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	75	75	Dry; ASTM D785
Tensile Strength, Yield	44.0 MPa	6380 psi	Wet; ASTM D638
	79.0 MPa	11500 psi	Dry; ASTM D638
Elongation at Break	60 %	60 %	Dry; ASTM D638
	260 %	260 %	Wet; ASTM D638
Flexural Strength	44.0 MPa	6380 psi	Wet; ASTM D790
	108 MPa	15700 psi	Dry; ASTM D790
Flexural Modulus	0.800 GPa	116 ksi	Wet; ASTM D790
	2.60 GPa	377 ksi	Dry; ASTM D790
Izod Impact, Notched	0.540 J/cm	1.01 ft-lb/in	Dry; ASTM D256
	2.74 J/cm	5.13 ft-lb/in	Wet; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	190 °C	374 °F	Dry; ASTM D648

## 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