

Asahi Kasei Leona® 1300G Polyamide 66 Resin, Glass Reinforced

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

Material Notes:

Applications: Automotive: Radiator Tanks, Fuel Injectors, ABS Sensors, Engine Mounts Electrical and Industrial: Heater Tanks, Office Furniture, Small Engines

Information provided by Asahi Kasei

Order this product through the following link:

http://www.lookpolymers.com/polymer_Asahi-Kasei-Leona-1300G-Polyamide-66-Resin-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 g/cc	1.39 g/cc	23°C

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	135 MPa	19600 psi	Wet
	190 MPa	27600 psi	Dry
Elongation at Break	3.0 %	3.0 %	Dry
	5.0 %	5.0 %	Wet
Flexural Modulus	6.80 GPa	986 ksi	Wet
	9.00 GPa	1310 ksi	Dry
Charpy Impact, Notched	1.10 J/cm²	5.24 ft-lb/in²	Dry
	1.60 J/cm²	7.61 ft-lb/in²	Wet

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	265 °C	509 °F	
Deflection Temperature at 1.8 MPa (264 psi)	250 °C	482 °F	

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