

Nylene® 9110 Unfilled Nylon 6/10

Category : Polymer , Thermoplastic , Nylon , Nylon 610

Material Notes:

Description: Nylene® 9110 is an unfilled specialty nylon. Information provided by Custom Resins. ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nylene-9110-Unfilled-Nylon-610.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	62.1 MPa	9000 psi	ASTM D638
Elongation at Break	70 %	70 %	ASTM D638
Flexural Modulus	2.03 GPa	295 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	214 °C	418 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	174 °C	345 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	62.2 °C	144 °F	ASTM D648

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