

Nylene® 9110 G43 , 43% Glass Reinforced Nylon 6/10

Category : Polymer , Thermoplastic , Nylon , Nylon 610 , Nylon 610, Glass Reinforced

Material Notes:

Description: Nylene® 9110 G43 is a 43% glass fiber reinforced specialty nylon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nylene-9110-G43-43-Glass-Reinforced-Nylon-610.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.42 g/cc	1.42 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	165 MPa	24000 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Modulus	10.3 GPa	1500 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	221 °C	430 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	203 °C	398 °F	ASTM D648

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