

Nylene® 4214-33 (HS) , 33% Glass Fiber Reinforced Impact Modified Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 40% Glass Fiber Filled

Material Notes:

Description: Nylene® 4214-33 (HS) is a 33% glass filled, high impact nylon 6. 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-4214-33-HS-33-Glass-Fiber-Reinforced-Impact-Modified-Nylon-6.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.36 g/cc	1.36 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	138 MPa	20000 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Modulus	7.58 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	1.76 J/cm	3.30 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	420 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	ASTM D648

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