

Nylene® 204 (HS) , Fast Cycle Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Description: Nylene® 204 (HS) is a fast cycle, medium viscosity, nucleated nylon 6. 204 is UL approved and automotive approved.

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-204-HS-Fast-Cycle-Nylon-6.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	79.3 MPa	11500 psi	ASTM D638
Elongation at Break	60 %	60 %	ASTM D638
Flexural Modulus	2.76 GPa	400 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	420 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	175 °C	347 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	65.6 °C	150 °F	ASTM D648

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