

Aclo Accucomp Nylon 6 NY0700L

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accucomp-Nylon-6-NY0700L.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	MD; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength at Break	52.0 MPa	7540 psi	ASTM D638
Tensile Strength, Yield	69.98 MPa	10150 psi	ASTM D638
Elongation at Break	260 %	260 %	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Tensile Modulus	1.80 GPa	261 ksi	ASTM D638
Flexural Strength	107.0 MPa	15520 psi	ASTM D790
Flexural Modulus	2.699 GPa	391.5 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	235 °C	455 °F	ASTM D789

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