

Aclo Accucomp Nylon 66 NY0750L

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accucomp-Nylon-66-NY0750L.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.018 cm/cm	0.018 in/in	MD; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	121	121	ASTM D785
Tensile Strength at Break	50.0 MPa	7250 psi	ASTM D638
Tensile Strength, Yield	81.98 MPa	11890 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Elongation at Yield	5 %	5 %	ASTM D638
Tensile Modulus	3.00 GPa	435 ksi	ASTM D638
Flexural Strength	113.0 MPa	16390 psi	ASTM D790
Flexural Modulus	3.00 GPa	435 ksi	ASTM D790
Izod Impact, Notched	0.374 J/cm	0.700 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	265 °C	509 °F	ASTM D789
Deflection Temperature at 0.46 MPa (66 psi)	182 °C	359 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	

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