

Lucent Polymers TPO-30T Thermoplastic Polyolefin, 30% Mineral Filled

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Melt Flow Adjustable for ApplicationAdd "U" for UV StabilizedAdd "H" for Heat StabilizedInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-TPO-30T-Thermoplastic-Polyolefin-30-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.008 cm/cm @Thickness 3.17 mm	0.008 in/in @Thickness 0.125 in	1/8" Section

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.0 MPa	3190 psi	ASTM D638
Elongation at Break	>= 25 %	>= 25 %	ASTM D638
Flexural Strength	32.0 MPa	4640 psi	ASTM D790
Flexural Modulus	1.179 GPa	171.0 ksi	ASTM D790
Izod Impact, Notched	3.20 J/cm @Thickness 3.17 mm	5.99 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	46.0 Â°C	115 Â°F	ASTM D648

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