

Lucent Polymers TPO-20T Thermoplastic Polyolefin, 20% 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-20T-Thermoplastic-Polyolefin-20-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.01 cm/cm @Thickness 3.17 mm	0.01 in/in @Thickness 0.125 in	1/8" Section

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.0 MPa	3050 psi	ASTM D638
Elongation at Break	>= 25 %	>= 25 %	ASTM D638
Flexural Strength	30.0 MPa	4350 psi	ASTM D790
Flexural Modulus	0.862 GPa	125 ksi	ASTM D790
Izod Impact, Notched	9.99 J/cm @Thickness 3.17 mm	18.7 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	43.0 Â°C	109 Â°F	ASTM D648

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