

GRECO ISOTHANE 1680AE Polyether TPU Resin

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyether Grade

Material Notes:

ISOTHANE 1600 series products are polyether based thermoplastic polyurethanes with good balanced qualities. They exhibit high moisture vapor transmission. The product can be extruded and blowed. Information provided by Greater Eastern Resins Industrial Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_GRECO-ISOTHANE-1680AE-PolyetherTPUResin.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	8800 g/m ² /day	567 g/100 in ² /day	ASTM E-96BW

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength	18.0 MPa	2610 psi	ASTM D412
Tensile Strength, Yield	7.50 MPa @Strain 300 %	1090 psi @Strain 300 %	ASTM D412
Elongation at Break	848 %	848 %	ASTM D412
Tear Strength	7.80 kN/m	44.5 pli	ASTM D624

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