

GRECO ISOTHANE 1685AE 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-1685AE-PolyetherTPUResin.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	9000 g/m ² /day	580 g/100 in ² /day	ASTM E-96BW

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	ASTM D2240
Tensile Strength	30.5 MPa	4420 psi	ASTM D412
Tensile Strength, Yield	9.40 MPa @Strain 300 %	1360 psi @Strain 300 %	ASTM D412
Elongation at Break	735 %	735 %	ASTM D412
Tear Strength	8.80 kN/m	50.2 pli	ASTM D624

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