

GRECO ISOTHANE 1690AE 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-1690AE-PolyetherTPUResin.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	7400 g/m ² /day	477 g/100 in ² /day	ASTM E-96BW

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM D2240
Tensile Strength	41.5 MPa	6020 psi	ASTM D412
Tensile Strength, Yield	23.2 MPa @Strain 300 %	3360 psi @Strain 300 %	ASTM D412
Elongation at Break	570 %	570 %	ASTM D412
Tear Strength	14.6 kN/m	83.3 pli	ASTM D624

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