

Taiwan PU Corporation TPUI-H90 High Hydrolysis Resistance, Injection Molding Polyether Base TPU

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

Material Notes:

Thermoplastic Polyurethane (TPU), High Hydrolysis Resistance, Polyether Base, Injection Molding Information provided by Taiwan PU Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Taiwan-PU-Corporation-TPUI-H90-High-Hydrolysis-Resistance-Injection-Molding-Polyether-Base-TPU.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	
Tensile Strength at Break	39.23 MPa	5690 psi	
Elongation at Break	550 %	550 %	
100% Modulus	0.00830 GPa	1.20 ksi	
300% Modulus	0.0137 GPa	1.99 ksi	
Resilience	50	50	%, Impact Resilience
Taber Abrasion, mg/1000 Cycles	25	25	

Processing Properties	Metric	English	Comments
Feed Temperature	180 Â°C	356 Â°F	
Middle Barrel Temperature	185 Â°C	365 Â°F	Compress zone
Front Barrel Temperature	190 Â°C	374 Â°F	Metering zone
Adapter Temperature	195 Â°C	383 Â°F	
Die Temperature	195 Â°C	383 Â°F	

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