

Taiwan PU Corporation TPUI-E90 General Grade, Injection Molding Polyester Base TPU

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

Material Notes:

Thermoplastic Polyurethane (TPU), General Grade, Polyester 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-E90-General-Grade-Injection-Molding-Polyester-Base-TPU.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	
Tensile Strength at Break	38.25 MPa	5548 psi	
Elongation at Break	600 %	600 %	
100% Modulus	0.00830 GPa	1.20 ksi	
300% Modulus	0.0118 GPa	1.71 ksi	
Resilience	35	35	%, Impact Resilience
Taber Abrasion, mg/1000 Cycles	35	35	

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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