

Taiwan PU Corporation TPUI-G85 High Wear Resistance, Injection Molding Polycaprolactone Base TPU

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP

Material Notes:

Thermoplastic Polyurethane (TPU), High Wear Resistance, Polycaprolactone 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-G85-High-Wear-Resistance-Injection-Molding-Polycaprolactone-Base-TPU.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	
Tensile Strength at Break	36.28 MPa	5262 psi	
Elongation at Break	750 %	750 %	
100% Modulus	0.00540 GPa	0.783 ksi	
300% Modulus	0.0108 GPa	1.57 ksi	
Resilience	50	50	%, Impact Resilience
Taber Abrasion, mg/1000 Cycles	20	20	

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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