

Taiwan PU Corporation TPUI-T64D Transparent Grade, Injection Molding Polyester Base TPU

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

Material Notes:

Thermoplastic Polyurethane (TPU), Transparent 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-T64D-Transparent-Grade-Injection-Molding-Polyester-Base-TPU.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	64	64	
Tensile Strength at Break	41.19 MPa	5974 psi	
Elongation at Break	450 %	450 %	
100% Modulus	0.0196 GPa	2.84 ksi	
300% Modulus	0.0299 GPa	4.34 ksi	
Resilience	25	25	%, Impact Resilience
Taber Abrasion, mg/1000 Cycles	12	12	

Optical Properties	Metric	English	Comments
Transmission, Visible	>= 85 %	>= 85 %	Manufacturer specifies transparent but doesn't quantify

Processing Properties	Metric	English	Comments
Feed Temperature	200 Â°C	392 Â°F	
Middle Barrel Temperature	205 Â°C	401 Â°F	Compress zone
Front Barrel Temperature	210 Â°C	410 Â°F	Metering zone
Adapter Temperature	215 Â°C	419 Â°F	
Die Temperature	215 Â°C	419 Â°F	

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