

Tool-A-Thane UT-25

Polyurethane
Urethane Tooling & Engineering Corp

Message:

25% Deflection for optimum life
Hardness 90 Shore A
Good loadbearing capacity and best abrasion and wear resistance
best general purpose material.

General Information			
Features	General Purpose		
	Good Abrasion Resistance		
	Good Wear Resistance		
Uses	General Purpose		
	Molds/Dies/Tools		
Physical	Nominal Value	Unit	
Specific Gravity	1.06	g/cm³	
Molding Shrinkage - Flow	1.5	%	
Hardness	Nominal Value	Unit	
Durometer Hardness			
Shore A	90		
Shore D	40		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction ¹ (vs. Steel - Dynamic)	0.68		
Abrasion Resistance - NBS Index	175		
Graves Tear	90.2	kN/m	
Bayshore Resistance - NBS Index	50.0		
Penetration Depth - Recommended for optimum life	25	%	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			
100% Strain	7.52	MPa	
300% Strain	15.2	MPa	
Tensile Strength	33.8	MPa	
Tensile Elongation (Break)	450	%	
Tear Strength (Split)	11	kN/m	ASTM D470
Compression Set ² (70°C, 22 hr)	33	%	
Thermal	Nominal Value	Unit	

Brittleness Temperature	-67.8	°C
NOTE		
1.	at 20 lbs load at 52 fpm	
2.	Method B	

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Recommended distributors for this material

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