

Tool-A-Thane UT-705

Polyurethane
Urethane Tooling & Engineering Corp

Message:

35% Deflection for optimum life
Hardness 75 Shore A
Low loadbearing capacity
Best for very light gages and very soft materials.

General Information			
Uses	Molds/Dies/Tools		
Physical	Nominal Value	Unit	
Specific Gravity	1.22	g/cm³	
Molding Shrinkage - Flow	1.5	%	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore A)	75		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction ¹ (vs. Steel - Dynamic)	> 0.80		
Abrasion Resistance - NBS Index	< 50.0		
Graves Tear	61.3	kN/m	
Penetration Depth - Recommended for optimum life	40	%	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			
100% Strain	3.62	MPa	
300% Strain	7.24	MPa	
Tensile Strength	41.4	MPa	
Tensile Elongation (Break)	580	%	
Tear Strength (Split)	11	kN/m	ASTM D470
Thermal	Nominal Value	Unit	
Brittleness Temperature	-67.8	°C	
NOTE			

1. at 20 lbs load at 52 fpm

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