

Tool-A-Thane UT-35

Polyurethane
Urethane Tooling & Engineering Corp

Message:

35% Deflection for optimum life
Hardness 80 Shore A
Lower loadbearing capacity
Best for lighter gages and softer materials.

General Information			
Uses	Molds/Dies/Tools		
Physical	Nominal Value	Unit	
Specific Gravity	1.22	g/cm ³	
Molding Shrinkage - Flow	1.5	%	
Hardness	Nominal Value	Unit	
Durometer Hardness			
Shore A	80		
Shore D	32		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction ¹ (vs. Steel - Dynamic)	0.80		
Abrasion Resistance - NBS Index	110		
Graves Tear	78.8	kN/m	
Bayshore Resistance - NBS Index	38.0		
Penetration Depth - Recommended for optimum life	35	%	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			
100% Strain	4.24	MPa	
300% Strain	8.00	MPa	
Tensile Strength	45.5	MPa	
Tensile Elongation (Break)	650	%	
Tear Strength (Split)	22	kN/m	ASTM D470
Compression Set ² (70°C, 22 hr)	38	%	
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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

