



## HIGH TEAR STRENGTH 85 (ST-1085)

### Product Highlights:

ST-1085 A/B is a tough, multi-purpose polyurethane elastomer, useful for many applications and performance requirements. Special product characteristics are as follows:

- Does not contain MOCA, MDA, or MDI
- Very easy to use; may be pigmented easily
- Cures at room temperature
- High tear strength and toughness
- Hardness and durability similar to high grade vulcanized rubber

### Physical Properties

Hardness, Shore A ASTM D-2240.....	85 ± 5
Density, (g/cc) ASTM D-792.....	1.1
Cubic Inches Per Pound.....	25.7
Color / Appearance.....	Amber/Clear
Tensile Strength, (psi) ASTM D-412.....	2,125
Tensile Modulus, (psi) ASTM D-412	
@ 100% Strain.....	761
@ 200% Strain.....	996
@ 300% Strain.....	1,219
Elongation, (%) ASTM D-412.....	600
Tear Strength, (pli) ASTM D-624.....	255
Shrinkage, (in./in.) linear ASTM D-2566.....	0.009

(Note: Physical properties obtained from test specimens post cured per recommended procedure.)

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