



# THANECAST™ PM-T 82 A

Thanecast™ PM-T 82 A is a polyether-based, TDI terminated, castable prepolymer. This high performance TDI/PTMEG prepolymer yields a 80 Shore A elastomer when cured with MBCA.

### Prepolymer specifications:

Available Isocyanate content, %NCO-----2.96 to 3.26  
Brookfield Viscosity, typical cPs @ 160°F -----1,850  
Specific gravity @ 77°F-----1.01

### Processing Conditions:

Curative: MBCA  
Stoichiometry (Theory): 95 %  
Cure cycle: 1 hours at 212°F  
Post cure: 16 hours at 212°F

### Thanecast™ PM-T 82 A Physical Properties:

Property	Method	Result	Unit
Hardness	ASTM D2240	81	Shore A
Tensile Stress,100 % Elongation	ASTM D412	527 (3.6)	psi (MPa)
Tensile Stress,300 % Elongation	ASTM D412	947 (6.5)	psi (MPa)
Tensile Stress	ASTM D412	4288 (29.6)	psi (MPa)
Elongation	ASTM D412	556	%
Tear Die C	ASTM D412	295 (51.6)	lb/in (kN/m)