



# THANECAST™ PG-T 90 A

Thanecast™ PG-T 90 A is a polyether-based, TDI terminated, castable prepolymer. This high performance TDI/PPG prepolymer yields a 90 Shore A elastomer when cured with MBCA

### **Prepolymer specifications:**

Available Isocyanate content, % NCO-----4.50 to 4.80  
Brookfield Viscosity, typical, cPs @ 160°F -----660  
Specific gravity @ 77°F-----1.06

### **Processing Conditions:**

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

### **Thanecast™ PG-T 90 A Physical Properties:**

Property	Method	Result	Unit
Hardness	ASTM D2240	90	Shore A
Tensile Stress,100 % Elongation	ASTM D412	800 (5.5)	psi (MPa)
Tensile Stress,300 % Elongation	ASTM D412	1200 (8.3)	psi (MPa)
Tensile Stress	ASTM D412	1800 (12.4)	psi (MPa)
Elongation	ASTM D412	440	%
Tear Die C	ASTM D412	325 (56.9)	lb/in (kN/m)