



THANECAST™ PG-T 95 A

Thanecast™ PG-T 95 A is a polyether-based, TDI terminated, castable prepolymer. This high performance prepolymer yields a 95 Shore A elastomer when cured with MBCA

Prepolymer specifications:

Available Isocyanate content, %NCO-----6.15 to 6.55
Brookfield Viscosity, typical, cPs @ 160°F -----345
Specific gravity @ 77°F-----1.07

Processing Conditions:

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

Thanecast™ PG-T 95 A Physical Properties:

Property	Method	Result	Unit
Hardness	ASTM D2240	93	Shore A
Tensile Stress,100 % Elongation	ASTM D412	1265 (8.7)	psi (MPa)
Tensile Stress,300 % Elongation	ASTM D412	3166 (21.8)	psi (MPa)
Tensile Stress	ASTM D412	4555 (31.4)	psi (MPa)
Elongation	ASTM D412	368	%
Tear Die C	ASTM D412	379 (66.3)	lb/in (kN/m)