



THANECAST™ PM-T 75D

Thanecast™ PM-T 75 D is a polyether-based, TDI terminated, castable prepolymer. This highly performance prepolymer yields high quality 70-75 Shore D elastomer when cured with MBCA.

Prepolymer specifications:

Available Isocyanate content, %NCO-----8.95 to 9.25
 Brookfield Viscosity, cPs @ 80°F -----11,000-22,000
 Brookfield Viscosity, cPs @ 210°F -----200-400
 Specific gravity @ 77°F-----1.09

Processing Conditions:

Curative: MBCA
 Stoichiometry (Theory): 90 %
 Cure cycle: 1 hours at 212°F
 Post cure: 16 hours at 212°F

Thanecast™ PM-T 75 D Physical Properties:

Property	Method	Result	Unit
Hardness	ASTM D2240	73	Shore D
Tensile Stress, 100 % Elongation	ASTM D412	4790 (33.0)	psi (MPa)
Tensile Stress	ASTM D412	6500 (44.8)	psi (MPa)
Elongation	ASTM D412	180	%
Tear Die C	ASTM D412	1000 (175.0)	lb/in (kN/m)