

TECHNICAL BULLETIN

PRODUCT: POLYSET 9000-75T™

POLYSET 9000-75T™ is a high molecular weight bismaleimide resin diluted with toluene for ease of handling and incorporation. At ambient temperature, POLYSET 9000-75T™ behaves like a thermoplastic. However, at temperatures in excess of 100° C (in the presence of a suitable free radical catalyst) thermoset cure occurs. POLYSET 9000-75T™ exhibits excellent low shrinkage properties, high hydrolytic stability, and high thermal stability (TGA decomposition onset is greater than 400° C).

POLYSET 9000-75T™ is recommended for adhesive applications and can be used as an additive to promote adhesion to difficult substrates such as polyolefin, ceramics, aluminum, and other metals. POLYSET 9000-75T™ is incompatible with ketones. It can be further diluted with aromatic solvents.

PHYSICAL PROPERTIES:

Appearance	Amber color liquid
Density (g/cm ³)	0.99 ± 0.02
Molecular weight, neat (avg.)	>5000 g/mol.
Weight Solids	35.0 ± 1%
Diluent:	Toluene (75 pbw)
Viscosity (@ 40°C)	<50 centipoise

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