



Technical Data Sheet

MATERIAL:	Poly(caprolactone) diol
CATALOG NUMBER:	342
CAS NUMBER:	36890-68-3
DESCRIPTION:	Dihydroxy terminated Poly(caprolactone)
FORMULA:	$(C_6H_{10}O_2.C_4H_{10}O_3)_x$

TYPICAL PROPERTIES:

Appearance:	Fused mass
Approx Mn:	3,000
Density:	1.08 (20°C)
Melting point:	55°C
Viscosity:	1,550cs (55°C)
Hydroxyl number:	37.4mg KOH/g
Flash point:	575°F
Solubility:	THF, insoluble in water

GENERAL INFORMATION: Poly(caprolactone) diols undergo the usual reactions expected of primary alcohol functionality, including reaction with isocyanates, melamines or aminoplasts, and epoxides. Typical applications include use in polyurethanes for adhesives, sealants, coatings and elastomers, modifiers to flexibilize acrylic, polyester, vinyl and thermoset coatings, reactive diluents to increase the solids content of solvent-based coatings and epoxy flexibilizers for coating and molding applications.

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