

Technical Data Sheet

MATERIAL:	Poly(caprolactone) diol	
CATALOG NUMBER:	339	
CAS NUMBER:	36890-68-3	
DESCRIPTION:	Dihydroxy terminated Poly(caprolactone)	
FORMULA:	$(C_6H_{10}O_2)_n(C_4H_{10}O_3)(C_6H_{10}O_2)_n$	
TYPICAL PROPERTIES:	Appearance: Approx Mn: Density: Melting point: Viscosity: Hydroxyl number: Flash point: Solubility:	Fused mass 530 1.08 (20°C) 30°C 88cs (55°C) 212mg KOH/g 525°F 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.	

STRUCTURE:

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