

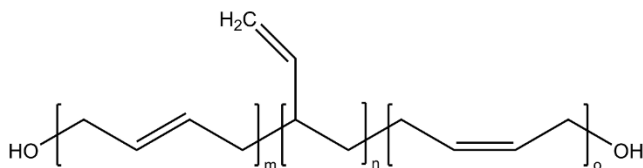


Technical Data Sheet

MATERIAL:	Poly(butadiene) diol
CATALOG NUMBER:	292
CAS NUMBER:	69102-90-5
DESCRIPTION:	Polybutadiene, dihydroxy terminated
FORMULA:	Unspecified
TYPICAL PROPERTIES:	
Appearance:	Viscous liquid
Trans-1,4:	60%
Cis-1,4:	20%
Vinyl-1,2:	20%
Approx Mn:	2,800
Density:	0.901 (30°C)
Boiling point:	> 300°C
Flash point:	> 400°F
Glass transition temp:	-75°C
Hydroxyl number:	48.2 mg KOH/g
Functionality:	2.4-2.6
Solubility:	Chloroform, ethyl acetate, MEK, THF, toluene

GENERAL INFORMATION: Polybutadiene diols contain predominantly primary terminal hydroxyl groups which are highly reactive. Potential applications include the synthesis of polyurethanes, polyesters, ester derivatives, copolymerization, and graft polymerization.

STRUCTURE:



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