



Technical Data Sheet

MATERIAL:	Poly(butadiene) diol
CATALOG NUMBER:	292
CAS NUMBER:	69102-90-5
DESCRIPTION:	Polybutadiene, dihydroxy terminated, hydroxy terminated butadiene
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:

Technical information and data regarding the composition, properties or use of the products described herein is believed reliable. However, no representation or warranty is made with respect thereto except as made by Sp² in writing at time of sale. Sp² cannot assume responsibility for any patent liability which may arise from the use of any product in a process, manner or formula not designed by Sp².