



Technical Data Sheet

MATERIAL:	Poly(butadiene-co-acrylonitrile), amine terminated
CATALOG NO.:	517
CAS NUMBER:	68683-29-4
DESCRIPTION:	Diamine terminated copolymer of butadiene and acrylonitrile
FORMULA:	$(C_4H_6.C_3H_3N)_x$

TYPICAL PROPERTIES:

Appearance:	Liquid
Acrylonitrile content:	16.5%
Approx Mw:	8,300 [GPC]
Density:	0.956
Brookfield viscosity:	250,000 cp (27°C)
Amine equivalent wt:	900
Solubility:	Partially in THF

GENERAL INFORMATION: Reactive secondary amine groups are useful in a variety of epoxy formulations. Amine terminated poly(butadiene-co-acrylonitrile) polymers find use in applications such as epoxy adhesives, sealants and coatings.

STRUCTURE: