



Technical Data Sheet

MATERIAL:	Poly(butadiene-co-acrylonitrile), dicarboxy terminated
CATALOG NUMBER:	518
CAS NUMBER:	68891-46-3
DESCRIPTION:	Terpolymer of butadiene, acrylonitrile and acrylic acid, dicarboxy terminated
FORMULA:	$(C_4H_6)_m(C_3H_3N)_n(COOH)_2$

TYPICAL PROPERTIES:

Appearance:	Liquid
Acrylonitrile content:	10%
Carboxyl content:	2.47%
Approx Mw:	19,000 [GPC]
Brookfield viscosity:	60,000 cp (27°C)
Density:	0.924 (25°C)
Functionality:	1.9
Solubility parameter:	8.45
Flash point:	>230°F
Solubility:	THF

GENERAL INFORMATION: Used in epoxy-based adhesive formulations, composites and coatings. Also used as an intermediate in corrosion-resistant vinyl esters, acrylated epoxes and radiation curing formulations.

STRUCTURE: