



Technical Data Sheet

MATERIAL:	1,2-Polybutadiene
CATALOG NUMBER:	572
CAS NUMBER:	9003-17-2
DESCRIPTION:	Certified geometrical isomer content
FORMULA:	$(C_4H_6)_x$

TYPICAL PROPERTIES:

Appearance:	Beads
Cis:	9.0%
Trans:	3.0%
Vinyl:	88.0%
Approx Mw:	100,000
Inherent viscosity:	0.84
Solubility:	Benzene, THF, toluene

GENERAL INFORMATION:

This polymer is a reactive thermoplastic resin which has characteristics of both a thermoplastic and elastomer. It finds application as a thermoplastic resin in products such as films, footwear soles, tubes and hoses. It finds application as a rubber in products such as sponges, solid tires, dock fenders and rubber gloves. Other miscellaneous applications include hot melt adhesives, electrical insulation, crosslinking accelerator for polyolefins and photosensitive paint.

STRUCTURE: