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## **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:** 

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