



Technical Data Sheet

MATERIAL: Styrene/butadiene, ABA block copolymer

CATALOG NUMBER: 057

CAS NUMBER: 9003-55-8

DESCRIPTION: ABA block copolymer of styrene and butadiene

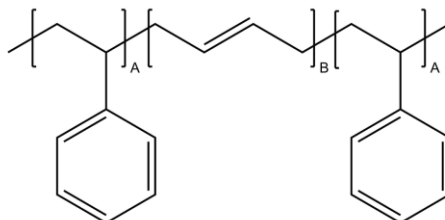
FORMULA: $(C_8H_8)_x(C_4H_6)_y(C_8H_8)_x$

TYPICAL PROPERTIES:

Appearance:	Crumbs
Styrene content:	30%
Approx Mw:	140,000 [GPC]
Intrinsic viscosity:	1.0
Brookfield viscosity:	4,000 cp (25 wt% in toluene @ 25°C)
Density:	0.94
Melt flow index:	< 1 g/10 min
Solubility:	Chloroform, dichloromethane, hexane, MEK, toluene

GENERAL INFORMATION: Thermoplastic styrene-butadiene-styrene block copolymer. Performance advantages include high cohesive strength, high elasticity and resiliency, flexibility at low temperatures and resistance to most acids and bases. Styrene-butadiene block copolymers have found use in such applications as toys, sporting goods, elastic bands and in adhesive formulations.

STRUCTURE:



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