



## Technical Data Sheet

**MATERIAL:** Styrene/isoprene, ABA block copolymer

**CATALOG NUMBER:** 1067

**CAS NUMBER:** 25038-32-8

**DESCRIPTION:** ABA block copolymer of styrene and isoprene

**FORMULA:**  $(C_8H_8 \cdot C_5H_8)_x$

**TYPICAL PROPERTIES:**

Appearance:	Crumbs
Styrene content:	15%
Isoprene content:	85%
Approx. Mw:	150,000 [GPC]
Intrinsic viscosity:	1.13
Brookfield viscosity:	1,200 cp (25 wt% in toluene @ 25°C)
Density:	0.92
Melt flow index:	12 g/10min
Solubility:	Chloroform, dichloromethane, MEK, THF, toluene, xylene

**GENERAL INFORMATION:** Thermoplastic styrene-isoprene-styrene block copolymer. Performance advantages include high cohesive strength, high elasticity and resistance to most acids and bases. Styrene-isoprene block copolymers have found use in such applications as footwear, automotive parts and adhesive formulations.

**STRUCTURE:**