



Technical Data Sheet

MATERIAL:	Styrene/butadiene, ABA block copolymer														
CATALOG NUMBER:	451														
CAS NUMBER:	9003-55-8														
DESCRIPTION:	ABA block copolymer of styrene and butadiene														
FORMULA:	$(C_8H_8.C_4H_6)_x$														
TYPICAL PROPERTIES:	<table><tr><td>Appearance:</td><td>Rubbery pellets</td></tr><tr><td>Styrene content:</td><td>28%</td></tr><tr><td>Approx Mw:</td><td>100,000 [GPC]</td></tr><tr><td>Brookfield viscosity:</td><td>1,200 cp (25 wt% in toluene @ 25°C)</td></tr><tr><td>Density:</td><td>0.94</td></tr><tr><td>Melt flow index:</td><td>6 g/10min</td></tr><tr><td>Solubility:</td><td>Chloroform, dichloromethane, hexane, MEK, toluene</td></tr></table>	Appearance:	Rubbery pellets	Styrene content:	28%	Approx Mw:	100,000 [GPC]	Brookfield viscosity:	1,200 cp (25 wt% in toluene @ 25°C)	Density:	0.94	Melt flow index:	6 g/10min	Solubility:	Chloroform, dichloromethane, hexane, MEK, toluene
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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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