



## Technical Data Sheet

<b>MATERIAL:</b>	Styrene/butadiene copolymer
<b>CATALOG NUMBER:</b>	199
<b>CAS NUMBER:</b>	9003-55-8
<b>DESCRIPTION:</b>	Random copolymer of styrene and butadiene
<b>FORMULA:</b>	$(C_8H_8)_m(C_4H_6)_n$
<b>TYPICAL PROPERTIES:</b>	
Appearance:	Slab
Styrene content:	5%
Reduced viscosity:	5.43
Density:	0.910
Stabilizer:	1.25% (Non-staining, non-discoloring)
Solubility:	Benzene, chloroform, methylene chloride, THF, toluene, xylene

**GENERAL INFORMATION:** Random copolymer of styrene and butadiene prepared by emulsion copolymerization. Styrene-butadiene copolymers have characteristics similar to those of natural rubber. They can be compounded and processed in much the same way and may be vulcanized with either sulphur systems or peroxides. Styrene-butadiene copolymers have found use in applications such as car tires, paper coatings, carpet manufacturing and sponges.

**STRUCTURE:**

