



Technical Data Sheet

MATERIAL: Styrene/butadiene copolymer

CATALOG NUMBER: 201

CAS NUMBER: 9003-55-8

DESCRIPTION: Random copolymer of styrene and butadiene

FORMULA: $(C_8H_8)_m(C_4H_6)_n$

TYPICAL PROPERTIES:

Appearance:	Slab
Styrene content:	45%
Reduced viscosity:	5.63
Density:	0.965
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:

