

Technical Data Sheet

SBR 1500

Styrene-Butadiene Rubber “SBR 1500” is produced by a technology of cold emulsion copolymerization based on soaps of rosin and fatty acids and contains 23.5% of chemically bonded styrene. It is coagulated by a system of acid and synthetic coagulant and stabilized by a staining antioxidant.

SBR 1500 has very good properties such as process ability, abrasion resistance, and fewer tendencies to scorching.

Application:

Tire treads cameak, foot ware mechanical goods

Properties	Units	Value	Test Method
Volatile Matter	% wt.	0.75max	ASTM D1646
Raw viscosity (ML 1+4 @ 100 °C)	--	46-58	ASTM D1646
Ash	% wt.	1.5max	ASTM D1416
Soap	% wt.	0.5max	ASTM D1416
Bounded Styrene	% wt.	22.5 – 24.5	ASTM D1416
Compound viscosity (ML 1+4 @ 100 °C)		84max	ASTM D1646
Tensile Strength (35 min cured)	kg/cm ²	250min	ASTM D412
Organic Acids	% wt.	5-7.25	ASTM D1416
Ultimate elongation (35 min cured)	%	470min	ASTM D412
300% Modulus (35 min cured)	kg/cm ²	119-159	ASTM D412