

**Technical Data Sheet**

**E-SBR 1502**

Styrene-Butadiene Rubber “1502” is produced by a technology of cold emulsion copolymerization based on soaps of rosin and fatty acids and contains 2.3.5% of chemically bonded styrene. It is coagulated by a system of acid and synthetic coagulant and stabilized by a non-staining antioxidant. 1502 has very good properties such as processability, abrasion resistance, less tendency to scorching.

**Application:**

1502 is appropriate for rubber compounds used in the production of tire sidewall, floor coverings, bicycle tires, footwear, children toys, cables, hosepipes and various rubber articles having light color shades.

Properties	Units	Value	Test Method
Raw Mooney viscosity (ML 1+4 @ 100 °C)	MU	46-58	ASTM D1646
Volatile Matter	% wt.	<0.75max	ASTM D5668
Ash Content	% wt.	<1	ASTM D5667
Organic Acids	% wt.	4.75-7	ASTM D5774
Soap	% wt.	<0.5	ASTM D5774
Bounded Styrene	% wt.	22.5 – 24.5	ASTM D5775
Compound Mooney viscosity	MU	<84	ASTM D1646
Tensile Strength (35 min cured)	kg/cm <sup>2</sup>	>250	ASTM D412
Ultimate elongation (35 min cured)	%	>350	ASTM D412
300% Modulus (35 min cured)	kg/cm <sup>2</sup>	167-207	ASTM D412

The above data is only a typical value and to each shipping lot/delivery a quality certificate including data properties of the product determined during release control is issued. Scope of the testing which is covered by the quality certificate is each Lime agreed upon in the sales contract.

Compounding formula according ASTM D—3182 & D—3185.

**Packing:** 35±0.5 KG bales wrapped with polyethylene film.

→36 bales per crate (1260±18 kg)