



Emulsion Polymerized Styrene-Butadiene Rubber (E-SBR)

A typical general-purpose Synthetic Rubber with excellent Tensile Strength, Tear Strength, Aging Resistance, and Abrasion Resistance. Used in automobile Tires, Belts, Footwear, and various Industrial Rubber Products.

Non-Oil Extended ESBR

ESBR1502

This is the most Representative type of Non-Staining, Non-Oil-Extended SBR manufactured by using mixed Soap of Rosin Acid and Fatty Acid as an Emulsifier.

Typical specification of all Non Oil Extended ESBR Grades:

Grade	Stabilizer	Combined styrene%	Mooney Viscosity (ML ₁₊₄ 100°C)	Emulsifier	Coagulant	Specific Gravity
ESBR 1500	ST	23.5	52	RA	Hydrochloric Acid	0.94
ESBR 1502	NS	23.5	52	RA/FA	Hydrochloric Acid	0.94
ESBR 1507	NS	23.5	35	RA/FA	Hydrochloric Acid	0.94
ESBR 0202	NS	46	45	RA/FA	Hydrochloric Acid	0.98
ESBR 1503	NS	23.5	52	RA/FA	Glue-Acid	0.93

Applications

Sidewalls, Footwear, Canvas, and other General Black-colored products, Light products that are sensitive to contamination

Oil Extended ESBR

ESBR1723

This is the most representative grade of Oil-Extended SBR. It has good Dynamic properties and Wear Resistance, and is also Economical and has Excellent Processability.

Typical specification of all Oil Extended ESBR Grades:

Grade	Stabilizer	Bound styrene%	Mooney Viscosity (ML ₁₊₄ 100°C)	Emulsifier	Specific Gravity	Oil%
ESBR 1723	ST	23.5	43	RA/FA	0.93	27.3*1
ESBR 0122	ST	37	52	RA/FA	0.95	25.4*1
ESBR 1778	NS	23.5	55	RA/FA	0.92	27.3*2
ESBR 1778N	NS	23.5	46	RA/FA	0.92	27.3*2

*1 Aromatic Oil

*2 Petroleum Hydrocarbon lubricating base Oil

Application

Tire Treads, Camelbacks, Conveyor Belts, Hoses, & other general black Industrial Supplies.

