

Solution Polymerization Styrene Butadiene Rubber / SSBR

JSR SSBR series are a random type solution polymerization SBR based on lithium type catalyst. It possesses molecular characteristics with distinctive features, and it excels in processability, physical properties, and dynamic characteristics in particular.

Grade	Bound Styrene(%)	Mooney Viscosity ML ₁₊₄ (100°C)	Vinyl Content(%)	Specific Gravity	Characteristics	Application
JSR SL552	24	55	39	0.94	Non-oil extended Medium Vinyl type. Well-balanced rolling resistance, wet skid resistance and abrasion resistance performance.	Tire, rubber vibration insulator, footwear
JSR SL574	15	64	57	0.92	Non-oil extended type High Vinyl type. Well-balanced rolling resistance and wet skid resistance performance.	
JSR SL563	20	74	62	0.93	Non-oil extended High Vinyl type. Excellent wet skid resistance performance.	

Polybutadiene Rubber / BR

A polybutadiene rubber having high-cis structure. Excels in abrasion resistance, dynamic characteristics, and low temperature characteristics. In addition, it has excellent processability, and stable processing is observed over a broad working temperature range.

- JSR BR01 : Excellent processability especially BR only compound.
- JSR T700 : Narrow molecular weight distribution compared with BR01
- JSR BR51 : Low MV type of T700. Excellent processability.
- JSR BR730 : High MV type of T700. Excellent abrasion resistance and rebound resilience.

Grade	Product Stain	Cis Content (%)	Mooney Viscosity ML ₁₊₄ (100°C)	Specific Gravity	Application
JSR BR01	NS	95	45	0.90	Tires, belts, hoses, footwear, rubberized cloth, industrial goods
JSR T700	NS	95	42	0.90	Tires, belts
JSR BR51	NS	95	38	0.90	Tires
JSR BR730	NS	95	55	0.90	Tires, sports goods

Polyisoprene Rubber / IR

IR2200 is a general purpose synthetic rubber having almost the same molecular structure as natural rubber. When compared with natural rubber, it does not contain the natural non-rubber components such as proteins and fatty acids. It has uniform quality, excellent hue, and no contamination. It also has the characteristic of enabling the shortening of mastication and mixing time.

Grade	Product Stain	Cis Content (%)	Mooney Viscosity ML ₁₊₄ (100°C)	Hue	Specific Gravity	Application
JSR IR2200	NS	98	82	Clear White	0.92	Tire, belts, various industrial goods, footwear, adhesives, elastic cord, rubber bands