



ELASTOMER

ESBR

NBR

RB

SSBR

EP

DYNARON

HSR

EBM

TR

BR

NV

SIS

IR

NE

IIR

Emulsion Polymerization Non-Oil Extended Styrene Butadiene Rubber/ESBR

JSR 1500 : The most typical grade of staining type non-oil extended SBR.

It excels in physical properties such as tensile strength, tear resistance, aging resistance, and abrasion resistance. Furthermore, since rosin acid soap is used as the emulsifier, it abounds in tackiness, and excels in processability.

JSR 1502 : A mixed soap of rosin acid and fatty acid is used as the emulsifier, and it is the most typical grade of non-staining, non-oil extended SBR.

JSR 1507 : This is a low Mooney Viscosity, non-staining, non-oil extended SBR.

JSR 0202 : Non-staining, non-oil extended SBR having high Bound Styrene.

JSR 1503 : Non-staining, non-oil extended SBR having good water resistance.

Grade	Product Stain	Bound Styrene	Mooney Viscosity ML _{1+100C}	Emulsifier	Coagulant	Specific Gravity	Application
JSR 1500	ST	23.5	52	RA	Salt/Acid	0.94	Tire tread, comeback, conveyor belt, hose, other black products.
JSR 1502	NS	23.5	52	RA/FA	Salt/Acid	0.94	Sidewall, footwear, rubberized fabric, other light colored products, non-staining type black products.
JSR 1507	NS	23.5	35	RA/FA	Salt/Acid	0.94	Light colored, translucent products such as sponge, industrial goods, rubberized fabric, and toys, in addition, black products requiring good processability.
JSR 0202	NS	46	45	RA/FA	Salt/Acid	0.98	Footwear, sponge, industrial goods, other translucent products, non-staining type black products.
JSR 1503	NS	23.5	52	FA	Glue/Acid	0.93	Industrial goods which require water resistance and non-corrosion behavior towards metal.

Emulsion Polymerization Oil-Extended Styrene Butadiene Rubber/ESBR

JSR 1712 : The most typical grade of staining type oil-extended SBR.

JSR 0120 : High styrene type of 1712.

JSR 1714 : A typical staining type oil-extended SBR.

JSR 1778 : A typical non-staining type oil-extended SBR.

JSR 1778N : A typical non-staining type oil-extended SBR.

Grade	Product Stain	Bound Styrene	Mooney Viscosity ML _{1+100C}	Emulsifier	Coagulant	Specific Gravity	Oil (phr)	Application
JSR 1712	ST	23.5	47	RA/FA	Salt/Acid	0.96	HA:37.5	Tire tread, comeback, conveyor belt, hose, other black products.
JSR 0120	ST	35	51	RA/FA	Salt/Acid	0.97	HA:37.5	
JSR 1714	ST	23.5	52	RA/FA	Salt/Acid	0.96	HA:50	Black products.
JSR 1778	NS	23.5	55	RA/FA	Salt/Acid	0.92	*37.5	Light colored, translucent products such as footwear, rubberized fabric, tire carcass, sidewall, and other non-staining type black products.
JSR 1778N	NS	23.5	48	RA/FA	Salt/Acid	0.92	*37.5	

* - Petroleum hydrocarbon - lubricating base oil.

Solution Polymerization Polystyrene Butadiene Rubber/SSBR

This is 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 ST (%)	Mooney Viscosity ML _{1+100C}	Bound Vinyl (%)	Specific Gravity	Characteristics	Application
JSR SL552	24	55	39	0.94	Non-oil extended type Medium Vinyl type. Well-balanced rolling resistance, wet skid resistance and abrasion resistance performance.	Tires. 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 T5582	35	77	22	0.94	Non-oil extended type Low Vinyl type. Excellent abrasion resistance. Well-balanced rolling resistance and abrasion resistance.	

High Styrene Rubber/HSR

Non-staining type High Styrene Rubber

Good roll banding properties and processability. It excels in abrasion resistance, tear resistance, and flex resistance.

Grade	Product stain	Mooney Viscosity ML _{1+100C}	Coagulant	Specific Gravity	Application
JSR 0051	NS	58	Salt/Acid	0.99	Hard slab, rigid sponge for footwear, tiles, ebonite, etc.
JSR 0061	NS	60	Salt/Acid	1.00	

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 : General purpose grade.

JSR BR02LL : Sharper molecular weight distribution in comparison with BR01. Low Mooney Viscosity Grade.

JSR BR10 : Low Mooney Viscosity grade of BR11.

JSR BR11 : Less branching type of BR01. Since the amount of branching is small, it excels in processability, in particular.

JSR BR15 : Low Mooney Viscosity Grade of BR11.

JSR BR18 : High Mooney Viscosity Grade of BR11.

JSR BR31 : Since polymers of high molecular weight is used, even though extender oil is contained, physical properties such as abrasion resistance, dynamic characteristics, and low temperature characteristics are outstanding.

Grade	Product stain	Cis-1,4 Bonds(%)	Mooney Viscosity ML ₁₊₁₀ (100°C)	Oil (phr)	Specific Gravity	Application
JSR BR01	NS	95	45	-	0.90	Tires, belts, hoses, footwear, rubberized cloth, industrial goods.
JSR BR02LL	NS	94	28	-	0.90	Tires, various industrial goods, footwear, etc.
JSR BR10	NS	95	28	-	0.90	Tires, belts, hoses, sports goods.
JSR BR11	NS	96	44	-	0.90	
JSR BR15	NS	95	35	-	0.90	
JSR BR18	NS	96	60	-	0.90	
JSR BR31	NS	96	35	HA:37.5	0.93	

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-1,4 Bonds(%)	Mooney Viscosity ML ₁₊₁₀ (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

Butyl Rubber/IIR

Excels in Air Impermeability, Weather Resistance, Ozone Resistance, Heat Resistance, and Aging Resistance

The heat aging resistance is improved for chlorobutyl and bromobutyl in comparison with regular butyl rubber.

Grade	Product stain	Unsaturation (mol%)	Halogen Cont.(%)	Mooney Viscosity ML ₁₊₁₀ (125°C)	Specific Gravity	Characteristics	Application
JSR Butyl 065	NS	0.8	—	32	0.92	Weather, Ozone, Chemical Resistance	Electric wire, cable, adhesive, construction materials, sealing materials
JSR Butyl 268	NS	1.5	—	51	0.92	Low air permeability, good heat resist.	Inner tube, bladder, adhesive
JSR Butyl 365	NS	2.0	—	33	0.92	Excels in heat & chem. resistance.	Automotive parts, bladder, heat resistant hose, lining
JSR CHLOROBUTYL 1066	NS	—	Cl 1.2	38	0.92	Chlorobutyl Rubber	Inner tube, inner liner, automotive parts, electric wire, industrial goods.
JSR CHLOROBUTYL 1068	NS	—	Cl 1.2	50	0.92		
JSR BROMOBUTYL 2244	NS	—	Br 2	46	0.93	Bromo Butyl Rubber	
JSR BROMOBUTYL 2255	NS	—	Br 2	46	0.93		

Nitrile Rubber / NBR

NBR is an acrylonitrile-butadiene copolymer, and it is a rubber that excels significantly in oil resistance. It is broadly used in automotive parts and industrial goods.

- * Excellent oil and gasoline resistance.
- * Excellent processability, easy and fast curing.
- * Excellent cured physical properties.

JSR has a broad range of grades to meet the demand.

Classification	Grade	Product stain	Bound Acrylonitrile (%)	Mooney Viscosity ML-1(100°C)	Specific Gravity	Characteristics	Application
Extra High AN	JSR N215SL	NS	48	45	1.01	Fuel resistance, Oil resistance, Good processability	Oil Seal, Gasket, Various packings, Hoses
High Acrylonitrile	JSR N222L	SS	43	45	1.00	Good processability, Gas impermeability, Low mold fouling	Various packings, Fuel hoses, Freon hoses
	JSR N222SH	NS	43	85	1.00	Low flow, Low mold fouling	
	JSR N220S	NS	41	56	1.00	Typical High AN NBR	
	JSR N220SH	NS	41	80	1.00	High Mooney type N220S	Various packings, gaskets, Hoses, PVC Bands, Adhesives
	JSR N224SH	NS	37	70	0.98	Low Mold Fouling, Sharp Curing	
Medium High Acrylonitrile	JSR N230SV	NS	35	32	0.98	Low Mooney type N230S, High Cold Flow	
	JSR N230SL	NS	35	42	0.98	Low Mooney type N230S, Good processability	Various packings, gaskets, Hoses, PVC Bands, Adhesives
	JSR N230S	NS	35	56	0.98	Typical Medium High AN NBR	
	JSR N230SH	NS	35	85	0.98	High Mooney type, High filler loading is possible	
	JSR N232S	NS	35	56	0.98	Water resistance, Low Metal Corrosion	
	JSR N232SH	NS	35	77	0.98	High Mooney type of N232S	O-Ring, Oil Sheet, Rubber Rolls, etc.
	JSR N235S	NS	36	65	0.98	Low solution viscosity, Water resistance, Low metal corrosion	
	JSR N236H	SS	32	72	0.97	Low AN type N237H	O-ring, Diaphragm
	JSR N238H	SS	35	77	0.98	For press molding, Low defective percentage	Packing, Gasket, O-rings, Oil Sheet, Rubber Slabs
	JSR N239SV	NS	34	30	0.98	Easy processing, Good balance of Oil resistance and Cold resistance	Packing, Gasket, Hoses
	JSR N231L	SS	34	45	0.98	Low Mooney type of N231H	
	JSR N231H	SS	34	75	0.98	Good mold release, Heat resistant type, N230SH, improved CS	Heat resistant packing, gasket, industrial goods, Hoses, Adhesives, Resin Modifier
	JSR N237	SS	34	56	0.98	Low Mooney type N2347H	
JSR N237H	SS	34	72	0.98	Sharp Curing, Low mold fouling, Heat Resistance		

SS : slightly staining

	Grade	Money Viscosity ML-100C	C2(%)	Type of Dienes	Diene Content (wt%)	Oil (phr)	Characteristics	Applications
Medium to No ENB	JSR EP57C	90	66	ENB	4.5	—	Gumb type of EP57F	Radiator hoses, heater hoses, other extrusion products
	JSR EP103AF	91*	59	ENB	4.5	—	High filler loading, Good low temperature characteristics	Weatherstrips and other extruded products
	JSR EP107F	76*	62	ENB	4.5	—	High speed curing, High filler loading, Good extrusion	
	JSR T7141	42	49	ENB	4.5	—	Good processability, Good extrusion	
High to No ENB	JSR EP33	45	52	ENB	8.1	—	Typical low Money Visc. High ENB content	White side walls, cover strips, sponges, weatherstrips, packings
	JSR EP35	83	52	ENB	8.1	—	Typical low Money Visc. High ENB content	
	JSR EP37F	100	54	ENB	8.1	—	Super high speed curing Good extrusion	
	JSR EP65	74	54	ENB	9.0	—	Improved processability type EP35	
DCP	JSR EP75F	85	62	DCP	7.8	—	Typical DCP Grade	Tire tubes, Roofing
ENB/DCP	JSR T7881F	85	67	ENB/DCP	19/41	—	Good processability, High ethylene, 4 component EPDM	
Oil Extended ENB	JSR EP96	56*	66	ENB	5.8	50	High filler loading oil extended EPDM	Weatherstrips, Sponges, Vibration Isolators, Heat resistant hoses
	JSR EP98	64*	66	ENB	4.5	75	Super high filler loading oil extended EPDM	
	JSR T7501EF	54*	66	ENB	5.5	40	High filler loading, Good processability	
	JSR EP503EF	78*	66	ENB	4.5	20	High filler loading, High tensile strength	
Oil Extended ENB/DCP	JSR EP801E	57*	53	ENB/DCP	7.7/23	20	High filler loading 4 component oil- extended EPDM	Sponges

*ML1+4(125°C)

Ethylene • Butene-1 Copolymer/EBM

Highly random copolymer consisting of ethylene and butene-1. It is a flexible and highly transparent, polyolefinic type thermoplastic resin which has low crystallinity.

Since this resin has no double bonds in the molecules of the polymer, it excels in heat resistance, ozone resistance and weather resistance. In addition, it excels in tensile strength and it can be used as modifiers for high density polyethylene, low density polyethylene, copolymers of ethylene and vinyl acetates. Furthermore, it can also be used independently.

Grade	Product stain	Butene Content (%)	MFR(g/10min) 190°C	Specific Gravity	Application
JSR EBM2041P	NS	20	3.5	0.88	Film, Sheet, Tube, Hose, Bumper, etc.
JSR EBM2021P	NS	20	1.3	0.88	
JSR EBM2011P	NS	20	0.5	0.88	
JSR EBM3021P	NS	32	1.5	0.88	

Ethylene Propylene Rubber / EPR

In comparison with diene type rubbers, JSR EP excels in heat resistance, ozone resistance, weather resistance, in particular, since JSR EP does not have any double bonds in the main chain of the polymer molecule.

Since broad range of Ethylene Content and Mooney Viscosity are prepared, you may select the most suitable product for your application either in plastic modification or in rubber application.

JSR EP in plastic modification

* JSR EP for resin blending comes in the form of pellets and handling such as weighing and mixing is made easy.

* Since it is a highly random product, it has good compatibility with polyolefinic resins in particular, and it excels in the improvement effect of flexibility, impact resistance, heat sealability, and transparency.

* Since it does not contain any double bonds in the molecular chain, or the amount of double bonds in the molecular chain is small, it excels in chemical resistance as well as heat resistance.

	Grade	Mooney Viscosity ML-100C	C2(%)	Type of Dienes	Diene Content (wt%)	Oil (phr)	Characteristics
Pellets	JSR EP01P	19	75	—	—	—	For polyolefin blend MFR 3.6
	JSR EP02P	25	71	—	—	—	For polyolefin blend MFR 3.2
	JSR EP07P	68	70	—	—	—	For polyolefin blend MFR 0.7
	JSR EP912P	10	75	—	—	—	Super high flow High ethylene EPM MFR 5.6
	JSR EP922P	25	74	—	—	—	Improved antiblocking type EP02P
	JSR EP941P	42	70	—	—	—	High flow type EP07P MFR 1.2
	JSR EP961SP	63	74	—	—	—	High transparency High Ethylene EPM
	JSR EP57P	88	66	ENB	4.5	—	High Ethylene High molecular weight EPM

JSR EP in rubber application

In addition, since it excels in steam resistance, low temperature characteristics, and electrical characteristics, as well as enables high loading of fillers, it is applied broadly to tires, tubes, belts, hoses, water-proof sheets, weatherstrips, electrical wires, various automotive parts, etc.

	Grade	Mooney Viscosity ML-100C	C2(%)	Type of Dienes	Diene Content (wt%)	Oil (phr)	Characteristics	Applications
EPM	JSR EP11	40	52	—	—	—	Low Mooney Viscosity, Low ethylene type	Heat resistant belts and wires, Other heat resistant products
	JSR T7942	45	63	—	—	—	Improvement in heat resistance of EP11	
Low E _n No ENB	JSR EP43	47	56	ENB	1.5	—	Low Mooney, Low ENB content type	Tire tube blends, water-proof sheets, rubberized cloth
	JSR EP93	50	55	ENB	2.7	—	Good aging set properties	
Medium E _n No ENB	JSR EP21	38	61	ENB	5.8	—	Low filler loading, Good extrusion series	Electric wires, Electric cables, weatherstrips, extruded products, automotive parts
	JSR EP22	42	54	ENB	4.5	—	Low Mooney type EP24	Various automotive parts, hoses, industrial goods
	JSR EP24	65	54	ENB	4.5	—	Typical low Mooney, Medium ENB Content	
	JSR EP25	90	59	ENB	5.1	—	High speed curing, High filler loading, good extrusion	Various automotive parts, Various extrusion products
	JSR EP27	105	54	ENB	4.5	—	Typical low Mooney, Medium ENB Content	Various automotive parts, hoses, industrial goods
	JSR EP51	38	67	ENB	5.8	—	Low filler loading, High speed extrusion	Electric wires, Electric cables, Various extruded products
	JSR EP57F	90	66	ENB	4.5	—	Typical high Mooney Viscosity, High ethylene type	Radiator hose, heater hose, other extruded products

	Grade	Mooney Viscosity ML ₁₊₄ (100°C)	C2(%)	Type of Diene	Diene Content (wt%)	Oil (phr)	Characteristics	Applications
Medium to No ENB	JSR EP57C	90	66	ENB	4.5	—	Crumb type of EP57F	Radiator hoses, heater hoses, other extrusion products
	JSR EP103AF	91*	59	ENB	4.5	—	High filler loading. Good low temperature characteristics	Weatherstrips and other extruded products
	JSR EP107F	76*	62	ENB	4.5	—	High speed curing. High filler loading. Good extrusion	
	JSR T7141	42	49	ENB	4.5	—	Good processability, Good extrusion	
High to No ENB	JSR EP33	45	52	ENB	8.1	—	Typical low Mooney Visc. High ENB content	White side walls, cover strips, sponges, weatherstrips, packings.
	JSR EP35	83	52	ENB	8.1	—	Typical low Mooney Visc. High ENB content	
	JSR EP37F	100	54	ENB	8.1	—	Super high speed curing Good extrusion	
	JSR EP65	74	54	ENB	9.0	—	Improved processability type EP35	
DCP	JSR EP75F	85	62	DCP	7.8	—	Typical DCP Grade	Tire tubes, Roofing
ENB/DCP	JSR T7881F	85	67	ENB/DCP	19/41	—	Good processability. High ethylene. 4 component EPDM	
Oil Extended ENB	JSR EP96	56*	66	ENB	5.8	50	High filler loading oil extended EPDM	Weatherstrips, Sponges, Vibration Isolators, Heat resistant hoses.
	JSR EP98	64*	66	ENB	4.5	75	Super high filler loading oil extended EPDM	
	JSR T7501EF	54*	66	ENB	5.5	40	High filler loading. Good processability	
	JSR EP503EF	78*	66	ENB	4.5	20	High filler loading. High tensile strength	
Oil Extended ENB/DCP	JSR EP801E	57*	53	ENB/DCP	7.7/23	20	High filler loading 4 component oil extended EPDM	Sponges

*ML₁₊₄(125°C)

Ethylene • Butene-1 Copolymer/EBM

Highly random copolymer consisting of ethylene and butene-1. It is a flexible and highly transparent, polyolefinic type thermoplastic resin which has low crystallinity.

Since this resin has no double bonds in the molecules of the polymer, it excels in heat resistance, ozone resistance and weather resistance. In addition, it excels in tensile strength and it can be used as modifiers for high density polyethylene, low density polyethylene, copolymers of ethylene and vinyl acetates. Furthermore, it can also be used independently.

Grade	Product stain	Butene Content (%)	MFR(g/10min) 190°C	Specific Gravity	Application
JSR EBM2041P	NS	20	3.5	0.88	Film, Sheet, Tube, Hose, Bumper, etc.
JSR EBM2021P	NS	20	1.3	0.88	
JSR EBM2011P	NS	20	0.5	0.88	
JSR EBM3021P	NS	32	1.5	0.88	

Polymer Alloy/NV

JSR NV Series are Polymer Alloys consisting of Acrylonitrile Rubber and Poly Vinyl Chloride.

JSR NV80,NV82..... They excel in ozone resistance.

JSR NV70..... Good processability, oil resistance, chemical resistance and heat resistance.

JSR NV72,NV73,NV74,
NV75,NV76..... It has good processability and extrusion characteristics.

JSR NV60..... It excels in gasoline impermeability.

Grade	Composition		Bound AN in Base NBR (%)	Product stain	Mooney Viscosity ML ₁₊₁₀ (100°C)	Specific Gravity	Application
	NBR(parts)	PVC(parts)					
JSR NV80	85	15	Medium	SS	65	1.01	Various industrial goods such as fuel hose, oil resistant hose, packing, gasket, etc.
JSR NV82	85	15	High	SS	45	1.04	
JSR NV70	70	30	Medium-High	NS	95	1.07	Resin modifier
JSR NV72	70	30	Medium-High	NS	75	1.07	Rubber modifier, oil resistant hose, propane gas hose, water stop, rubber slab, etc.
JSR NV73	70	30	Medium-High	NS	68	1.07	
JSR NV74	70	30	Medium-High	NS	52	1.08	
JSR NV75	70	30	Medium	SS	68	1.06	
JSR NV76	70	30	Medium	SS	60	1.06	
JSR NV60	65	35	High	SS	63	1.10	

Polymer Alloy/NE

JSR NE Series are Polymer Alloys consisting of Nitrile Rubber and EPDM.

It is a material which has the oil resistance of Nitrile Rubber and weather resistance of EPDM.

Grade	Composition				Bound AN in Base NBR (%)	Mooney Viscosity ML ₁₊₁₀ (100°C)	Specific Gravity	Application
	NBR#1(parts)	EPDM(parts)	ZnO(parts)	Filler#2(parts)				
JSR NE71	70	30	5	5	High	60	1.00	Black sheet, Automotive hose, Covering, Propane gas hose, Rubber plate, etc.
JSR NE61	60	40	5	5	High	60	0.99	
JSR NE41	40	60	5	5	High	60	0.97	
JSR NE70	70	30	5	5	Medium-High	55	1.00	
JSR NE60	60	40	5	5	Medium-High	55	0.99	
JSR NE40	40	60	5	5	Medium-High	55	0.97	
JSR NE70F	70	30	5	5	Medium-High	60	1.01	White sheet, Hose cover, Propane gas hose, Rubber plate, Boots, etc.
JSR NE60F	60	40	5	5	Medium-High	65	1.00	
JSR NE40F	40	60	5	5	Medium-High	65	0.98	

*1 : Stabilizers are all non-staining.

*2 : NE Series make use of HAF. NEF-series make use of Hydrated Silica.

Syndiotactic 1,2 - Polybutadiene/RB

This is syndiotactic 1,2 polybutadiene. It contains over 90% of 1,2 bonds. The average molecular weight is about 100,000. It is a unique thermoplastic elastomer of which the crystallinity is controlled so that it comes within about 15% and 30%.

Grade	1,2-Bonds (%)	MFR(g/10min) 150°C, 2.16kg	Melting Temp. (°C)	Specific Gravity	Application	Shape
JSR RB810	90	3	71	0.90	Industrial goods, Melting bags, Sponge products, Resin binders.	P
JSR RB820	92	3	95	0.91	Footwear, Industrial goods, Melting bags, Films, Sheets, Hoses, Sponge products.	P
JSR RB830	93	3	105	0.91		P

*P=Pellet

Hydrogenated Polymer/DYNARON

This is a group of hydrogenated polymers having a unique structure created by JSR's state of art synthesis technology. They exhibit excellent effect as various resin modifiers and compatible plasticizer.

Grade	Styrene Content (%)	MFR(g/10min) 230°C, 2.16kg	Specific Gravity	Application	Shape
JSR DYNARON1320P	10	3.5	0.89	Resin Modifier	P
JSR DYNARON1321P	10	10	0.89		P
JSR DYNARON4800P	20	5.6	0.91		P
JSR DYNARON6200P	0	2.5	0.88	Resin Modifier, Compatible Plasticizer	P

*P=Pellet

Styrene butadiene block copolymer/TR

It is a thermoplastic elastomer which processes excellent elasticity like cured rubber at ordinary temperature and which can be easily processed like plastics by using conventional plastic processing machine.

Grade	ST/BD Ratio (%)	Extender Oil (phr)	MFR(g/10min) 200°C, 5kg	Specific Gravity	Application	Shape
JSR TR1085	45/55	50	10	0.96	Soft products such as various footwear soles, industrial goods, leisure goods, daily miscellaneous goods, and toys.	P,C
JSR TR1600	32/68	45	18	0.94		P,C
JSR TR2000	40/60	—	13	0.96	Various footwear soles, resin modifiers, tackifiers & adhesives, industrial goods, etc.	P,C,K
JSR TR2003	43/57	—	18	0.96		P,C
JSR TR2250	52/48	—	4	0.98		P
JSR TR2600	32/68	—	9.5	0.94		P
JSR TR2601	30/70	—	<1	0.94		C,K
JSR TR2606	30/70	—	<1	0.94	Asphalt modifiers	C,K
JSR TR2787	30/70	—	6	0.94		C
JSR TR2827	24/76	—	11	0.94		P

*P=Pellet C=Crumb K=Powder

Styrene isoprene block copolymer/SIS

It is a thermoplastic elastomer which processes excellent elasticity like cured rubber at ordinary temperature and which can be easily processed like plastics by using conventional plastic processing machine.

Grade	ST/IP Ratio(%)	MFR(g/10min) 200°C, 5kg	Specific Gravity	Application	Shape
JSR SIS5000	15/85	9	0.92	Adhesives	P,C
JSR SIS5002	22/78	7	0.92		C
JSR SIS5405	15/85	20	0.92		P
JSR SIS5505	16/84	8	0.92		P

*P=Pellet C=Crumb

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