

Nitrile Rubber / NBR #1

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	Acrylonitrile Content(%)	Mooney Viscosity ML ₁₊₄ (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 packing, 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	Various packings, gaskets, hoses, PVC blends, adhesives
	JSR N220SH	NS	41	80	1.00	High Mooney type N220S	
	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 N230SL, High cold flow	Various packings, gaskets, hoses, PVC blends, adhesives
	JSR N230SL	NS	35	42	0.98	Low Mooney type N230S, Good processability	
	JSR N230S	NS	35	56	0.98	Typical Medium High AN NBR	
	JSR N238H	SS	35	77	0.98	High Mooney type, For press molding, Low defective percentage	Packing, gasket, o-rings, oil seal, rubber slabs
	JSR N232S	NS	35	56	0.98	Water resistance, Low metal corrosion	O-ring, oil seal, rubber rolls, etc.
	JSR N232SH	NS	35	77	0.98	High Mooney type of N232S	
	JSR N235S	NS	36	65	0.98	Low solution viscosity, Water resistance, Low metal corrosion	O-ring, diaphragm
	JSR N236H	SS	32	72	0.97	Low AN type N237H	
	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	Heat resistant packing, gasket, industrial goods, hoses, adhesives, resin modifier
	JSR N231H	SS	34	75	0.98	Good mold release, Heat resistant type N230SH, Improved CS	
	JSR N237	SS	34	56	0.98	Low Mooney type N237H	
	JSR N237H	SS	34	72	0.98	Sharp Curing, Low mold fouling, Heat resistance	
		JSR N230SH	NS	35	85	0.98	High Mooney type, High filler loading is possible

Nitrile Rubber / NBR #2

Classification	Grade	Product Stain	Acrylonitrile Content(%)	Mooney Viscosity ML ₁₊₄ (100°C)	Specific Gravity	Characteristics	Application
Medium Acrylonitrile	JSR N241	SS	29	56	0.96	Low mold fouling	Oil seal, gasket, diaphragm, hoses
	JSR N241H	SS	29	75	0.96	High Mooney type of N241	
	JSR N240S	NS	26	56	0.96	Cold resistance, Good resilience	Packing, gasket, hoses, rolls
Low Acrylonitrile	JSR N250S	NS	20	63	0.94	Water resistance, Low metal corrosion	Various industrial goods, aircraft parts
	JSR N250SL	NS	20	43	0.94	Low Mooney type N250S	
	JSR N260S	NS	15	62	0.94	Super cold resistance, Water resistance	
Heat resistant Grade	JSR N520	S	41	51	1.00	High acrylonitrile type N530	Packing, gasket, mechanical seal, diaphragm, fuel hose
	JSR N530	S	35	52	0.98	Good oil resistance and heat resistance	
	JSR N640H	SS	25	70	0.99	Acrylate modified NBR	Packing, gasket, oil sheet, diaphragm
	JSR N640	SS	25	50	0.99	Acrylate modified NBR	
Specialty Grade	JSR N202S	NS	40	60	1.00	Partially crosslinked type, for PVC modifying	Resin modifier, sheet, leather, film, footwear
	JSR N210S	NS	30	58	0.97	Partially crosslinked type, Good smoothness of sheet surface	
	JSR N211SL	NS	32	32	0.98	Contains 50 phr of DOP, Good surface smoothness, dispersion, & physical properties	Industrial goods, various hoses, cable jackets
Powdered Acrylonitrile	JSR PN20HA	NS	High	-	1.08	Powdered product of N220SH	Resin modifier
	JSR PN30A	NS	Medium High	-	1.06	Powdered product of N230S	
Liquid Acrylonitrile	JSR N280	NS	32	-	0.98	Liquid product of Medium high acrylonitrile	NV modifier, polymer plasticizer, processing aid