

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.

ENEOS Materials has a broad range of grades to meet the demand.

Classification	Grade	AN(%)	Mooney Viscosity ML(1+4) 100°C	Product Stain	Characteristic	Application
Extra High AN	NBR N215SL	48	45	NS	Fuel resistance, Oil resistance, Good processability	Oil seal, Gasket, Various packing, Hoses
High AN	NBR N222SH	43	85	NS	Low mold fouling	Various packings, Gaskets, hoses, PVC blends, Adhesives
	NBR N220SH	41.5	80	NS	High Mooney type of N220S	
	NBR N224SH	37	70	NS	Low mold fouling, Sharp curing	
	NBR N220S	41.5	56	NS	Standard High AN NBR	
	NBR N222L	43	45	SS	Good processability, Gas impermeability, Low mold fouling	Various packings, Fuel hoses, Freon hoses
Mid-High AN	NBR N238H	35	77	SS	High Mooney type, For press molding, Low defective percentage	Packing, Gasket, O-rings, Oil seal, Rubber slabs
	NBR N232SH	35	77	NS	High Mooney type of N232S	O-ring, Oil seal, Rubber rolls, etc.
	NBR N237H	34	72	SS	Sharp Curing, Low mold fouling, Heat resistance	Heat resistant packing, Gasket, Industrial goods, Hoses, Adhesives, Resin modifier
	NBR N236H	32	72	SS	Low AN type of N237H	O-ring, Diaphragm
	NBR N230S	35	56	NS	Standard Medium High AN NBR	Various packings, Gaskets, Hoses, PVC blends, Adhesives
	NBR N232S	35	54	NS	Water resistance, Low metal corrosion	O-ring, Oil seal, Rubber rolls, etc.
	NBR N237	34	56	SS	Low Mooney type of N237H	Heat resistant packing, Gasket, Industrial goods, Hoses, Adhesives, Resin modifier
	NBR N230SL	35	42	NS	Low Mooney type of N230S, Good processability	Various packings, gaskets, hoses, PVC blends, adhesives
	NBR N231L	34	45	SS	Low Mooney type of N231H	Heat resistant packing, Gasket, Industrial goods, Hoses, Adhesives, Resin modifier
	NBR N230SV	35	32	NS	Low Mooney type of N230SL, High cold flow	Various packings, Gaskets, Hoses, PVC blends, Adhesives
	NBR N239SV	33.5	33	NS	Easy processing, Good balance of oil resistance and cold resistance	Packing, gasket, Hoses

Nitrile Rubber / NBR #2

Classification	Grade	AN (%)	Mooney Viscosity ML(1+4) 100°C	Product Stain	Characteristic	Application
Mid An	NBR N241H	29	75	SS	High Mooney type of N241	Oil seal, gasket, Diaphragm, Hoses
	NBR N241	29	56	SS	Low mold fouling, Sharp Curing	
	NBR N240S	26	56	NS	Cold resistance, Good resilience	Packing, Gasket, Hoses, Rolls
Low AN	NBR N250S	19.5	63	NS	Standard Low acrylnitril NBR Water resistance, Low metal corrosion	Various industrial goods, Aircraft parts
	NBR N260S	15	62	NS	Super cold resistance, Water resistance	
	NBR N250SL	19.5	43	NS	Low Mooney type of N250S	
Heat Resistant grade	NBR N520	41	51	S	High acrylonitrile type N530	Packing, gasket, Mechanical seal, Diaphragm, Fuel hose
	NBR N530	35	52	S	Good oil resistance and heat resistance	
	NBR N640	25	50	SS	Acrylate modified NBR	Packing, gasket, Oil sheet, Diaphragm
Specialty Grade	NBR N202S	40	57	NS	Partially crosslinked type, for PVC modifying	Resin modifier, Sheet, Leather, Film, Footwear
	NBR T496	30	56	NS	N202 with improved cold resistance, Low compression set	
	NBR N210S	30	54	NS	Partially crosslinked type, Good smoothness of sheet surface	
Powdered NBR	PN 30A	Midium High	-	NS	Powdered product of N230S	Resin modifier
	PN 20HA	High	-	NS	Powdered product of N220SH	
Adhesion Grade	NBR T4103	41	73	NS	Adhesion Grade	Glue
Liquid NBR	NBR N280	32	-	NS	Liquid product of Medium high acrylonitrile	NV modifier, Polymer plasticizer, Processing aid