



Formerly known as

JSR Corporation
www.jsr.co.jp

Acrylonitrile Butadiene Rubber (Nitrile Rubber)

Narrow Molecular Weight Distribution, Controlled ACN content, Non Staining Good Processibility with less variation in Mooney Viscosity Compared to other Commercially available Grades. This facilitates Smooth Mixing and less Compound Variation and Produces Parts with consistent quality & less rejection.

Basic Properties and Characteristics

Grade	ACN %	Mooney Viscosity ML ₍₁₊₄₎ 100C	Specific Properties	Application
N217SH	48	70-80	Ultra-high ACN, Low Fuel and Air Permeability. High filler loading. Reduced compound cost	Products with High Oil and Solvent Resistant such as Packing Gaskets, Oil Seals, Fuel Hoses, High Pressure Hoses, Printing Rolls, Blankets, Safety Shoe Sole and Spinning Parts
N215SL	48	40-50	Ultra-high ACN, Low Mooney Good Processability	
N220SH	41	75-90	High ACN compound design at lower cost by incorporation of high process oil and filler loading.	
N220S	41	50-60	High ACN, Excellent Physical Properties and Processability. Very Low Corrosion to metals.	
N232SH	35	75-80	High viscosity type, Reduces Air defect in press moulding	Recommended for Industrial, Automotive application. Well suited for Graphic Arts, Rolls, Footwear Spinning parts, Linings, Safety Shoes, Diaphragm, Packing, Oil Seals and Oil Resistance Hose.
N230SH	35	77-93	General-purpose, High-viscosity Nitrile Rubber. Superior Physical properties and Solvent Resistance. Good Green Strength. Better Tensile and Mechanical properties. High process Oil and Filler loading. Balanced Low Temperature properties.	
N230S	35	50-60	General-purpose, Intermediate-viscosity Nitrile Rubber.	
N230SL	35	40-48	General-purpose, Medium-viscosity Nitrile Rubber. Provides exceptional processing, suitable for blending with other polymers	
N230SV	35	30-35		
N240S	26	52-60	Used where Low Temperature and Good Mould Flow are required. Easier processing. High resilience	Aircraft Oil Resistant and Extreme Cold Water-Resistant products such as Rolls, Hoses, Packing etc..
N250S	20	60-70	Medium-high viscosity for Compression, Transfer moulding. High Resilience. Low Water Swell. Blends with General purpose unsaturated rubber possible	
N250SL	19.5	40-45	Cold resistance, water resistance, metal corrosion resistance	
N260S	15	65-75	Extreme Cold Resistance, Water Resistance, Metal Corrosion Resistance	
N280 (Liquid)	32	Brookfield 5000 Cp (70C)	Medium High Nitrile Liquid Rubber	Serves as a Non-Migratory Process Aid for NBR to control volume swelling/Viscosity.