

# Nipol® NBR DN4050

Acrylonitrile Butadiene Rubber

Zeon Corporation

## Message:

Nipol NBR (acrylonitrile butadiene rubber) is a synthetic rubber with extremely well-balanced price, processability, and performance, featuring superior oil resistance and high mechanical strength. Nipol NBR is used in a wide range of applications, including oil resistant hoses, seals, O-rings, rolls, vibration-insulating rubber, and rubber sheets.

ZEON Corporation offers high-quality, high-performance Nipol NBR worldwide as the leading manufacturer of acrylonitrile butadiene rubber.

The next-generation, high efficiency, high performance acrylonitrile butadiene rubber "DN Four Digits Series" features mold contamination resistance, with high-speed vulcanization and high rebound resilience, and was developed to meet a wide variety of needs.

### Characteristics & Applications

High cure rate, high modulus, good rebound and well-balanced oil resistance and low temperature resistance.

Oil well parts, fuel cell liners, fuel hoses and other uses requiring resistance to aromatic fuel, oils, solvents. Rolls, lathe-cut gaskets, spinning cots, packing oil seals, "O" rings, phenolic resin modifications, strong cements and adhesives.

General Information	
Additive	Antioxidant 2
Features	Antioxidant
	Fast Cure
	Fuel Resistant
	High Strength
	Oil Resistant
	Solvent Resistant
Uses	Adhesives
	Fuel Lines
	Gaskets
	Liners
	Oil/Gas Applications
	Plastics Modification
	Rollers
	Seals

Physical	Nominal Value	Unit
Specific Gravity	0.998	g/cm <sup>3</sup>
Mooney Viscosity	50	MU
Bound Acrylonitrile	40	%

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# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

