



NBR/PVC NVR[®]
橡塑合金橡膠

Rubber and Plastic Alloy NVR[®]

(Also know as : NBR/PVC)

Trade Mark : **塑达胶[®]** NVR[®]



PRODUCT DESCRIPTION

NVR[®] is a rubber and plastic alloy rubber that is processed using Nitrile Rubber (NBR) and Polyvinyl chlorides (PVC) with IPN (Interpenetrating Polymer Networks Structure) technology in liquid state through a chemical grafting reaction. The product has dual characteristics of both nitrile rubber and chloroprene rubber, which is not just a simple NBR/PVC compound material.

CHEMICAL CHARACTERISTICS:

NVR[®] alloy rubber retains the ozone resistance property of Chloroprene rubber (CR) and the oil resistance property of Nitrile Rubber (NBR). Which can significantly improve the weather aging resistance, flame resistance, oil and fuel resistance and chemical resistance properties and other properties of the products. The products comply with REACH, SVHC, ROHS directives and manufactured through strict production process control, ISO: 016ZB12Q22258R0S.

PHYSICAL PROPERTY:

NVR[®] rubber has outstanding processing property, anti slip property, no migration of color and coloring consistency performance, and excellent oil resistance, tear resistance, wear resistance, and chemical resistance properties (such as detergent, fat and oil, liquid acid alkaline etc.)

PRODUCT APPLICATION:

NVR[®] can be used in Automobile fuel pipes and pipe external surface rubber, steel braided high pressure and ultrahigh pressure hose, wire and cable jacket, textile industrial roller/ picker, automobile seal,

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escalator handrail belt, printing and dyeing roller, seals and O-ring and automobile molded parts, aviation rubber products, rubber sheets, rubber belt, conveyer belt, safety boots, working shoes, mining shoes and other products industries.

PRODUCT SERIES LIST

GRADE	ACN %*	PVC%	Mooney Viscosity (ML1+4 100°C)	Reference on Features and Application
NVR®N5000 Series				
N5176P	18	30	60±5	Excellent low temperature property. Hoses and shoes products.
N5275P	28	30	55±5	High-pressure hoses, seal strips and Cables.
N5266P	28	40	60±5	Excellent Ozone resistance and Oil resistance property.
N5072P	28	30	70±5	High-pressure hoses, seal strips and Cables.
N5075P	33	30	80±5	Rubber hoses, rubber belt, rubber covered rollers, shoes and other products.
N5075D	33	30	75±5	Rubber rollers, shoes and other products.
N5066P	33	40	65±5	Rubber sheets, escalator handrail belts, and spiraled hoses etc.
N5057P	33	50	75±5	Rubber sheets, textile equipment, conveyer belts, shoe materials.
N5046P	33	60	60±5	Excellent Oil resistance and abrasive resistance property. Shoe materials and rubber sheets materials.
N5476P	40	30	60±5	Excellent Oil resistance and high temperature resistance property. Rubber hoses and belts.

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N5466P	40	40	60±5	High oil resistance and temperature resistance, and excellent abrasive resistance property.
N5456P	40	50	60±5	Good oil and abrasive resistance properties.
N5557P	45	50	70±5	Superior oil and abrasive resistance properties.
NVR®N6000 Series				
N6175P	18	30	55±5	Excellent low temperature property and good fluidity.
N6166P	18	40	65±5	Good fluidity. Suitable in rubber hoses, rubber rollers, and rubber foaming.
N6157	18	50	75±5	High elasticity and foaming ratio. Foaming and rubber sheets and belts.
N6276	28	30	65±5	Suitable for producing foaming sports equipment industries.
N6266	28	40	65±5	Tailor-made material
N6257	28	50	75±5	Tailor-made material
N6075	33	30	55±5	Excellent extrusion flowability property. High pressure hose and fuel hose etc.
N7050	33	30	60±5	High pressure hose and fuel hose etc.
N6065	33	40	55±5	Excellent rolling processing property. Foaming sheet materials coil materials.
N6055	33	50	55±5	Excellent Ozone resistant property.
N6476	40	30	60±5	Excellent oil resistant and heat resistant property.
N6466	40	40	60±5	Excellent oil resistant and heat resistant property. Uses to produce special

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				products.
N6456	40	50	60±5	Good extrusion stability and heat resistant property. Foaming pipe materials.
NVR® N5000X Series				
N5075X	33	30	55±5	Excellent abrasive resistance property. Uses in shoe materials, sheet materials, rubber hose and foaming materials with high tearing strength.
N6075X	33	30	50±5	

Note : * is the percentage contained in rubber.

PRODUCT PACKAGING

- Small packing of 25Kg/ Bag (Woven bag & EVA low melting point bag).
- Outer packing is divided into: 1. Pallet + woven bag + wrapping film; 2. Boxes + EVA low melting point bags.
- There are two functions to facilitate industrialization of automatic feeding system:
- The packaging materials is EVA material, which can be feed into the machine together with the packing bag, no need to remove packing materials.
- “P” means pellet form. Which can reduce labor intensity on weighing and conveying, and fully implementation of mechanized conveyor feeding systems.

PRODUCT STORAGE

- 1、 The products should be stored in a cool, dry and ventilated environment, avoid direct sunlight, away from heat, storage temperature should not be higher than 40°C.
- 2、 Shelf life: 180 days from date of manufacture under proper storage conditions, expired products may continue to be used after inspections.

SAFETY

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NVR[®] is not dangerous when it is processed in accordance with the product's MSDS (Material Safety Data Sheet).

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