



PRODUCT DATA SHEET

NVR[®]N5046P

PRODUCT DESCRIPTION

NVR[®]N5046P contains **70% of nitrile elastomer**, with 33% of combined acrylonitrile monomer, and **30% of polyvinyl chloride**. Succeed Life Science production technology is based on Liquid copolymerization and the product has the dual characteristics of nitrile rubber and neoprene.

NVR[®]N5046P contains the Ozone resistance property of chloroprene rubber (CR), and the oil resistance property of nitrile rubber (NBR). It therefore improves the weather aging resistances, flame resistance, fuel resistance and chemical resistance properties to the products. It also has higher physical properties such as tensile strength, modulus, tear resistance and abrasion resistance etc.

COMMON APPLICATIONS

Automotive vehicle fuel tube	Auto and mine dust cover
High pressure, high pressure steel woven hose	Safety boots, shoe sole
Color gas hose, fire hose	Aero rubber products
Wire and cable sheathing	Industrial rubber sheet
Rubber conveyor belt	Elevator hand rails
Textile roller/ belts	Foam materials, insulation hose
Automotive sealing belt	Printing / textile roller

TIPICAL SPECIFICATION

PROPERTIES	SPECIFICATION
* ACRYLONITRILE%	33
PVC%	60
MOONEY VISCOSITY ML (1 + 4) @ 100° C	60 ± 5

SPECIALTY CHARACTERISTICS

- NVR[®]N5046P does not contain 16 Phthalates (16P) and meets European environmental standards
- Products have excellent stability due to NVR[®]N5046P is processed through liquid polymerization technic.
- NVR[®]N5046P has the properties of elastomers after chemical bonding of NBR and PVC.
- NVR[®]N5046P has excellent thermal flow properties that ease injection and extrusion molding.
- The product skin has high density, therefore improving the physical and chemical properties of the products, and its appearance.
- NVR[®]N5046P is granular that is convenient for transportation and weighing.
- NVR[®]N5046P is supplied in EVA bags which is soluble can be used directly for feeding.

NOTE:

Succeed Life Science shall be not liable under any circumstances for misuse of the information of this manual. The data printed herein is correct , however it has been obtained from laboratory work. Preliminary tests must be made with the product in order to set process variables..



PACKAGING AND HANDLING

NVR[®]N5046P is supplied in granular form in EVA bag in 25 kgs each. Packed in metal box of 42 bags per box, and has net weight 1050 kgs per box. Gross weight per metal box is 1106 kg.

Handling requires no special precautions, but we recommend always process the elastomer under well-ventilated conditions. Local exhaust ventilation should be provided to avoid significant employee exposure.

Safety glasses and protective thermal resistant gloves should be worn when handling and processing the product.

SAFETY

NVR[®]N5046P is not dangerous when it is processed in accordance with the product MSDS (Material Safety Data Sheet).

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