

NORDEL™ IP 3760P

Hydrocarbon Rubber

The Dow Chemical Company

Message:

NORDEL™IP 3760P hydrocarbon rubber is an ethylene-propylene-diene terpolymer (EPDM) with medium viscosity and medium diene content. It has a moderate curing rate and is suitable for applications that require low modulus, good elongation, and heat resistance., Weather resistance. The supply form is transparent pellets. INSITE was used in the preparation of NORDEL IP 3760P.™technology.

Main features:

Medium crystallinity

Low diene content

high molecular weight

stable heat and ultraviolet resistance

Comply with the following regulations:

U.S. Food and Drug Administration Regulation 21 CFR 177.2600

U.S. Food and Drug Administration Regulation 21 CFR 175.1520 (see Note 1)

U.S. Food and Drug Administration Regulation 21 CFR 175.105 (see Note 2)

U.S. Food and Drug Administration Regulation 21 CFR 177.1210

Please check the regulations for complete details.

Application field:

Impact modification

Wires and cables

Peroxide-cured heat-resistant hose

remarks:

(1) can be used to contact all types of food, except oil emulsion water, high-fat or low-fat food, low-humidity fat and oil food.

(2) Adhesive only.

General Information			
Agency Ratings	FDA 21 CFR 175.105		
	FDA 21 CFR 175.1520		
	FDA 21 CFR 177.1210		
	FDA 21 CFR 177.2600		
Forms	Particle 2		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.870	g/cm ³	ASTM D297
Mooney Viscosity (ML 1+4, 125°C)	63	MU	ASTM D1646
Ethylene Content	67.0	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	2.2	wt%	ASTM D6047
Propylene content	32.0	wt%	ASTM D3900
Molecular Weight Distribution	medium		Internal method
Volatile Matter		wt%	Internal method

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