

NORDEL™ IP 4570

Hydrocarbon Rubber

The Dow Chemical Company

Message:

NORDEL™IP 4570 hydrocarbon rubber is an amorphous, ethylene-propylene-diene terpolymer (EPDM) used in extrusion processing. This product is especially suitable for extrusion processing of profiles, refrigeration hoses and general molding processing. The product combines the properties of high viscosity and low crystallinity, so that it has a good balance in processing performance, elongation, low temperature performance and performance.

Main features:

amorphous

Medium diene content

high molecular weight

good low temperature performance

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 177.1520 (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:

Profile Extrusion

Refrigeration system 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 177.1210		
	FDA 21 CFR 177.1520		
	FDA 21 CFR 177.2600		
Forms	bag		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.860	g/cm ³	ASTM D297
Mooney Viscosity (ML 1+4, 125°C)	70	MU	ASTM D1646
Ethylene Content	50.0	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	5.0	wt%	ASTM D6047
Propylene content	45.0	wt%	ASTM D3900
Residual conversion metal		ppm	Internal method
Molecular Weight Distribution	medium		Internal method
Ash Content		wt%	ASTM D296
Volatile Matter		wt%	Internal method
Additional Information			

存放和处理:暴露在人造光或自然光中可能影响 EPDM 产品的质量.此产品应采用其原始包装并存放在室内,同时避免阳光直射.

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