

NORDEL™ IP 3720P

Hydrocarbon Rubber

The Dow Chemical Company

Message:

NORDEL™IP 3720P hydrocarbon rubber is a semi-crystalline ethylene-propylene-diene terpolymer (EPDM) with extremely low diene content. Its low viscosity makes it have excellent processing characteristics, and its low degree of unsaturation makes it It has good stability and can withstand long-term ultraviolet (UV) exposure and long-term heat. The product is applied to the extrusion and molding processing of low and medium elongation blends, and can be cured with peroxide. In addition, this polymer is also used in the modification of thermoplastic materials, such as polyethylene or polypropylene.

Main features:

semicrystallization

very low diene content

Low 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 175.105 (adhesives only).

Please check the regulations for complete details.

Application field:

Plastic modification such as polyethylene and polypropylene

Peroxide cured, heat-resistant molded products

General Information			
Agency Ratings	FDA 21 CFR 175.105		
	FDA 21 CFR 177.2600		
	Europe No 10/2011		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.880	g/cm ³	ASTM D297
Mooney Viscosity (ML 1+4, 125°C)	20	MU	ASTM D1646
Ethylene Content	69.0	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	0.5	wt%	ASTM D6047
Propylene content	30.5	wt%	ASTM D3900
Residual conversion metal		ppm	Internal method
Molecular Weight Distribution	medium		Internal method
Ash Content		wt%	ASTM D5667
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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