

NORDEL™ IP 3722P

Hydrocarbon Rubber

The Dow Chemical Company

Message:

NORDEL™IP 3722P hydrocarbon rubber is a semi-crystalline polymer with extremely low diene content, low viscosity and good processing performance. Its low degree of unsaturation makes it have excellent long-term thermal stability and anti-ultraviolet stability. This product is specially applied to the processing of medium voltage wires and cables. This polymer can also be used in peroxide-cured moldings and other extrusion processes. NORDEL IP 3722P uses INSITE * technology and is a developmental product.

Main features:

semicrystallization

very low diene content

Low molecular weight

stable heat and ultraviolet resistance

Comply with the following regulations

FDA Regulation 21 CFR 177.2600,

FDA Regulation 21 CFR 175.105 (Adhesive Only).

EU, No 10/2011

Please check the regulations for complete details.

Application field:

Medium voltage wires and cables

Peroxide cured, heat-resistant molded article

General Information			
Agency Ratings	FDA 21 CFR 175.105 2		
	FDA 21 CFR 177.2600		
	Europe No 10/2011		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.870	g/cm ³	ASTM D297
Mooney Viscosity (ML 1+4, 125°C)	20	MU	ASTM D1646
Ethylene Content	70.5	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	0.5	wt%	ASTM D6047
Propylene content	29.0	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			

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