

# NORDEL™ IP 3640

Hydrocarbon Rubber

The Dow Chemical Company

## Message:

NORDEL™IP 3640 hydrocarbon rubber is an amorphous ethylene-propylene-diene terpolymer (EPDM) with low diene content, suitable for heat-resistant, peroxide-cured products. NORDEL IP 3640 can also be blended with butyl rubber to improve its processing performance and vulcanization performance. It is applied to tire inner tube materials for automobiles and bicycles.

Main features:

amorphous

Low diene content

good heat 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 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:

Blend with butyl rubber as a blending component for tire inner tubes

Heat-resistant hoses and strips

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 <sup>3</sup>	ASTM D297
Mooney Viscosity (ML 1+4, 125°C)	40	MU	ASTM D1646
Ethylene Content	55.0	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	1.8	wt%	ASTM D6047
Propylene content	43.2	wt%	ASTM D3900
Residual conversion metal		ppm	Internal method
Molecular Weight Distribution	medium		Internal method
Ash Content		%	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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