



Technical Data Sheet

NORDEL™ IP 3760P Hydrocarbon Rubber

Overview

NORDEL™ IP 3760P Hydrocarbon Rubber is a medium viscosity, medium ethylene ethylene-propylene-diene terpolymer (EPDM) having a moderate cure rate that is suited to applications where low modulus, good elongation, as well as heat and weather resistance are required. The form is clear pellet. NORDEL™ IP 3760P Hydrocarbon Rubber is made from INSITE™ technology.

Sustainability Attribute:



Main Characteristics:

- Medium crystalline
- Low diene
- High molecular weight
- Heat and UV stable

Complies with:

- U.S. FDA 21 CFR 177.2600
- U.S. FDA 21 CFR 175.1520 (See NOTES 1)
- U.S. FDA 21 CFR 175.105 (See NOTES 2)
- U.S. FDA 21 CFR 177.1210

Consult the regulations for complete details.

Applications:

- Impact modification
- Wire and cable
- Peroxide cured heat resistant hose

NOTES:

1. Can be used in contact with all foods except water in oil emulsions, high or low fat, and low moisture fats and oil.
2. Adhesives only.



Physical Properties

Physical	Nominal Value	Unit (English)	Nominal Value	Unit (SI)	Test Method ¹
Density	0.870	g/cm ³	0.870	g/cm ³	ASTM D297
Ethylene Content	67.0	wt%	67.0	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	2.2	wt%	2.2	wt%	ASTM D6047
Mooney Viscosity (ML 1+4, 257°F (125°C))	63	MU	63	MU	ASTM D1646
Molecular Weight Distribution	Medium		Medium		Dow Method
Propylene Content	32.0	wt%	32.0	wt%	ASTM D3900
Volatile Matter	< 0.40	wt%	< 0.40	wt%	Dow Method

1. ASTM: American Society for Testing and Materials

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

