



NORDEL™ 3765 XFL EPDM Hydrocarbon Rubber

Overview

NORDEL(TM) 3765 XFL EPDM 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.

Main Characteristics:

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

Applications:

- Impact modification
- Wire and cable
- Peroxide cured heat resistant hose
- Sulfur cured waterproofing membranes

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.

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	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.870 g/cm ³	0.870 g/cm ³	ASTM D792
Ethylene Content	67.0 wt%	67.0 wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	2.5 wt%	2.5 wt%	ASTM D6047
Mooney Viscosity (ML 1+4, 257°F (125°C))	65 MU	65 MU	ASTM D1646
Molecular Weight Distribution	Broad	Broad	Dow Method
Propylene Content	30.5 wt%	30.5 wt%	ASTM D3900
Volatile Matter	< 0.40 wt%	< 0.40 wt%	Dow Method

Notes

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



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