



NORDEL™ 4571 XFM EPDM Hydrocarbon Rubber

Overview

NORDEL™ 4571 XFM EPDM is an amorphous EPDM grade designed for extruded applications. It is ideally suited for dense extruded profiles, coolant hose and general purpose moldings. The combination of high viscosity and low crystallinity allows for good balance of processability, extensibility, low-temperature properties and performance. The product features improved mixing and extrusion characteristics, with improved shape stability of the green compound.

Main Characteristics:

- Amorphous
- Medium diene
- High molecular weight
- Good low temperature properties

Applications:

- Extruded profiles
- Coolant hoses

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.862 g/cm ³	0.862 g/cm ³	ASTM D297
Ethylene Content	47.0 wt%	47.0 wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	4.9 wt%	4.9 wt%	ASTM D6047
Mooney Viscosity (ML 1+4, 257°F (125°C))	70 MU	70 MU	ASTM D1646
Ash Content	< 0.1 wt%	< 0.1 wt%	ASTM D296
Molecular Weight Distribution	Broad	Broad	Dow Method
Propylene Content	48.1 wt%	48.1 wt%	ASTM D3900
Residual Transition Metal	< 10 ppm	< 10 ppm	Dow Method
Volatile Matter	< 0.40 wt%	< 0.40 wt%	Dow Method

Additional Information

Storage and Handling:

The quality of EPDM products may be affected by exposure to artificial or natural light. This product should be stored indoors in its original packaging and out of direct sunlight.

Notes

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

