



NORDEL™ IP 4725P Hydrocarbon Rubber

Overview

NORDEL™ IP 4725P Hydrocarbon Rubber is a low viscosity semi-crystalline grade which offers ease of processing, fast cure rates, and high states of cure with standard sulfur cure systems. It is designed for molded and extruded applications requiring low viscosity, high green strength, and high finished hardness. It is ideally suited for high hardness extruded profiles and molded goods. It can also be peroxide cured.

Main Characteristics:

- Semi-crystalline
- Medium diene
- Low molecular weight
- Good green strength

- Complies with
 - U.S. FDA 21 CFR 177.2600,
 - U.S. FDA 21 CFR 175.105 (Adhesives only).
 - Consult the regulations for complete details.

Applications:

- High hardness extruded profiles and molded goods
- Hoses

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.880 g/cm ³	0.880 g/cm ³	ASTM D297
Ethylene Content	70.0 wt%	70.0 wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	5.0 wt%	5.0 wt%	ASTM D6047
Mooney Viscosity (ML 1+4, 257°F (125°C))	25 MU	25 MU	ASTM D1646
Ash Content	< 0.1 wt%	< 0.1 wt%	ASTM D296
Molecular Weight Distribution	Medium	Medium	Dow Method
Propylene Content	25.0 wt%	25.0 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.

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