



EPDM 565

Hydrocarbon Rubber

Overview EPDM 565 is an amorphous, high diene ethylene-propylene-diene terpolymer (EPDM) grade designed for extruded applications requiring fast cure rates. It is ideally suited for continuously cured dense and sponge profiles. Molded applications will also benefit from the fast cure response, allowing shorter cycle times.

Main Characteristics:

- Amorphous
- High diene
- High molecular weight
- Fast cure
- Good low temperature properties

Applications:

- Extruded profiles/weather strip
- Sponge profiles

Complies with

- U.S. FDA 21 CFR 175.105 (Adhesives only).

Consult the regulations for complete details.

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.860 g/cm ³	0.860 g/cm ³	ASTM D297
Ethylene Content	48.5 to 51.5 wt%	48.5 to 51.5 wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	7.1 to 7.9 wt%	7.1 to 7.9 wt%	ASTM D6047
Mooney Viscosity (ML 1+4, 257°F (125°C))	61 to 69 MU	61 to 69 MU	ASTM D1646
Ash Content	< 0.1 wt%	< 0.1 wt%	ASTM D5667
Molecular Weight Distribution	Medium	Medium	Dow Method
Propylene Content	42.5 wt%	42.5 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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Published: 2010-09-02

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