

EPDM 565

Hydrocarbon Rubber

The Dow Chemical Company

Message:

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.

General Information			
Agency Ratings	FDA 21 CFR 175.105		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.860	g/cm ³	ASTM D297
Mooney Viscosity (ML 1+4, 125°C)	61 - 69	MU	ASTM D1646
Ethylene Content	48.5 - 51.5	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	7.1 - 7.9	wt%	ASTM D6047
Propylene content	42.5	wt%	ASTM D3900
Residual conversion metal		ppm	Internal method
Molecular Weight Distribution	Medium		Internal method
Ash Content		wt%	ASTM D5667
Volatile Matter		wt%	Internal 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.

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