

EPDM 763P

Hydrocarbon Rubber
The Dow Chemical Company

Message:

EPDM 763P 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. The form is clear pellet. EPDM 763P is made from INSITE™ technology.

Main Characteristics:

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

Applications:

- Impact modification
- Wire and cable
- Peroxide cured heat resistant hose

Notes:

Can be used in contact with all foods except water in oil emulsions, high or low fat, and low moisture fats and oil.

Adhesives only.

Complies with:

- U.S. FDA 21 CFR 177.2600
- U.S. FDA 21 CFR 175.1520
- U.S. FDA 21 CFR 175.105
- U.S. FDA 21 CFR 177.1210

Consult the regulations for complete details.

General Information			
Agency Ratings	FDA 21 CFR 175.105		
	FDA 21 CFR 175.1520		
	FDA 21 CFR 177.1210		
	FDA 21 CFR 177.2600		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.870	g/cm ³	ASTM D297
Mooney Viscosity (ML 1+4, 125°C)	58 - 68	MU	ASTM D1646
Ethylene Content	68.0 - 72.0	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	1.7 - 2.7	wt%	ASTM D6047
Propylene content	32.0	wt%	ASTM D3900
Molecular Weight Distribution	Medium		Internal method
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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