

EPDM 722P

Hydrocarbon Rubber
The Dow Chemical Company

Message:

EPDM 722P is a semi-crystalline, very low diene-containing polymer with low viscosity for good processability. The low unsaturation provides excellent long term thermal and UV stability. It is specially designed for medium voltage wire and cable applications. It can also be used in peroxide cured molded and other extruded applications. EPDM 722P is developmental and made via INSITE* technology.

Main Characteristics:

- Semi-crystalline
- Very low diene
- Low molecular weight
- Heat and UV stable

Applications:

- Medium voltage wire and cable
- Peroxide cured, heat resistant moldings
- Complies with
 - U.S. FDA 21 CFR 177.2600,
 - U.S. FDA 21 CFR 175.105 (Adhesives only).
 - EU, No 10/2011
- Consult the regulations for complete details.

General Information			
Agency Ratings	FDA 21 CFR 175.105		
	FDA 21 CFR 177.2600		
	Europe No 10/2011		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.870	g/cm ³	ASTM D297
Mooney Viscosity (ML 1+4, 125°C)	15 - 23	MU	ASTM D1646
Ethylene Content	68.5 - 72.5	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	0.1 - 1.0	wt%	ASTM D6047
Propylene content	29.0	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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