

# EPDM 725P

Hydrocarbon Rubber

The Dow Chemical Company

Message:

EPDM 725P 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

Applications:

- High hardness extruded profiles and molded goods
- Hoses
- Complies with
- U.S. FDA 21 CFR 177.2600,
- U.S. FDA 21 CFR 175.105 (Adhesives only).
- Consult the regulations for complete details

General Information			
Agency Ratings	FDA 21 CFR 175.105		
	FDA 21 CFR 177.2600		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.880	g/cm <sup>3</sup>	ASTM D297
Mooney Viscosity (ML 1+4, 125°C)	21 - 29	MU	ASTM D1646
Ethylene Content	68.0 - 72.0	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	4.5 - 5.3	wt%	ASTM D6047
Propylene content	25.0	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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

