

# EPDM 520

Hydrocarbon Rubber

The Dow Chemical Company

## Message:

EPDM 520 brake parts, corner moldings, general-purpose gaskets, and moldings. The combination of low viscosity and low crystallinity allows for good processability, low temperature properties, and product performance without the addition of a plasticizer.

### Main Characteristics:

- Amorphous
- Medium diene
- Low molecular weight
- Good low temperature properties

### Applications:

- Injection and transfer molded brake parts
- General purpose gaskets
- 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	0.860	g/cm <sup>3</sup>	ASTM D297
Mooney Viscosity (ML 1+4, 125°C)	16 - 24	MU	ASTM D1646
Ethylene Content	49.0 - 51.0	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	4.5 - 5.3	wt%	ASTM D6047
Propylene content	45.0	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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## Recommended distributors for this material

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