

# SABIC® EPDM 245

## Ethylene Propylene Diene Terpolymer

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® EPDM 245 is a low Mooney viscosity polymer with low ethylene and medium ENB grade produced by solution polymerization using metallocene catalyst. It has a broad molecular weight distribution for excellent compounding and processability even without addition of a plasticizer. It can be used as a polymeric plasticizer in blends with other high viscosity polymers.

### Characteristics.

SABIC® EPDM 245 is designed for:

Excellent processability resulting in shorter mixing and molding times

Good low temperature properties

Good low temperature flexibility and compression set

Fast cure rate and high cure state

Typical applications.

## Brake parts

### Precision seals

## Gaskets

### Molded foam sheets

## Electrical connectors

## Hose mandrels

### Other molded articles

This product is not intended for and must not be used in any pharmaceutical/medical applications.

General Information			
Features	Excellent Processability		
	Good Compression Set		
	Flexibility at low temperatures		
	Low viscosity		
	Fast curing		
	Wide molecular weight distribution		
	Low temperature resistance		
Uses	Washer		
	Composite		
	Mixing		
	Connector		
	Seals		
	Sheet		
Processing Method	Composite		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 125°C)	26	MU	ASTM D1646
Ethylene Content	50.0	wt%	ASTM D3900
Ethylidene Norbornene (ENB) Content	4.2	wt%	ASTM D6047

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#### Recommended distributors for this material

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