

PERFORMANCE CHEMICALS SABIC™ EPDM 245

Ethylene Propylene Diene Rubber

PRODUCT DESCRIPTION:

SABIC™ EPDM 245 is low Mooney viscosity polymer with low ethylene and medium ENB grade produced by solution polymerization using metallocene catalyst. It has 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



TYPICAL DATA:

PROPERTIES	Unit	Typical Value (1)	Test Method
Mooney Viscosity (ML 1+4, 125°C)	MU	26	ASTM-D 1646
Ethylene Content	Wt%	50	ASTM-D 3900
Ethylidene Norbornene (ENB)	Wt%	4.2	ASTM-D 6047

456 Typical values; not to be construed as specification limits.

PACKING & STORAGE:

SABIC™ EPDM 245 is available in 1.25 tons pallets containing 50 bags of approximately 25 kg each or in crates weighing 750 kg containing 30 bags. SABIC will not extend its warranty when storage conditions are inadequate which may lead to quality deterioration such as color change that could result in inadequate product performance. The storage area should be at ambient temperature (recommended not to exceed 30 °C) in dry conditions; flow ability of the pellets can be negatively influenced by pressure or high temperature; exposure to light has to be avoided. The product has shelf life time of 24 months from the date of production. DISCLAIMER: Products referred to in this document are sold subject to SABIC's Standard Terms and Conditions of Sale (the "Terms") which are available upon request. The information contained herein is supported by research and is believed to be reliable as of the date compiled and representative of production but no guarantee, representation or warranty, express or implied, is made or intended as to the correctness, sufficiency, suitability, merchantability or fitness for a particular purpose of any such information or the products to which it relates. Users are solely responsible for making their own determination as to the suitability of any product for their intended use and that such use is in compliance with applicable laws and standards. Nothing in this document is intended or should be construed to grant a license or immunity under any SABIC or third party intellectual property rights. Save and as expressly set out in the Terms, SABIC shall in no event be liable for any loss, damage or injury howsoever arising from the use of information or the products referred to herein.

