

PERFORMANCE CHEMICALS

# SABIC<sup>®</sup> EPDM 756

Ethylene Propylene Diene Rubber

## PRODUCT DESCRIPTION:

SABIC<sup>®</sup> EPDM 756 is high ethylene and medium ENB grade produced by solution polymerization using metallocene catalyst. This product is available in pellet form.

## CHARACTERISTICS:

Compared to typical narrow MWD grades, SABIC<sup>®</sup> EPDM 756 has the following:

- Smooth and fast extrusion
- Improved mixing, mill handling and physical properties
- Improved calenderability
- Improved oil retention
- Reduced cure bloom in compounds

## TYPICAL APPLICATIONS:

- Industrial hoses
- Automotive hoses
- Extruded profiles
- Molding application



## TYPICAL DATA:

| PROPERTIES                         | Unit | Value <sup>(1)</sup> | Test Method |
|------------------------------------|------|----------------------|-------------|
| Moony Viscosity (ML 1+4, 125 °C)   | MU   | 72                   | ASTM-D 1646 |
| Ethylene Content                   | Wt%  | 69                   | ASTM-D 3900 |
| Ethylidenenorbornene (ENB) Content | Wt%  | 5                    | ASTM-D 6047 |

(1) Typical values; not to be construed as specification limits.

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## PACKING & STORAGE:

The product is available in 1.25 tons pallets containing 50 bags of app. 25 kg each or in crates weighing 750 kg containing 30 bags. SABIC would not give warranty to bad storage conditions which may lead to quality deterioration such as color change and inadequate product performance. The storage area should be at ambient temperature (recommended not to exceed 30°C) in dry conditions; flowability 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.

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