

SABIC[®] EPDM 756

ETHYLENE PROPYLENE DIENE RUBBER

DESCRIPTION

SABIC EPDM 756 is a high mooney viscosity, high ethylene and medium ENB content grade produced by solution polymerization using metallocene catalyst. It has medium molecular weight distribution. This product is available in pellet form.

TYPICAL APPLICATIONS

SABIC EPDM 756 can be used for: industrial hoses, automotive hoses and belts, extruded profiles, auto weather seals, heat resistant applications

TYPICAL PROPERTY VALUES

Revision 20201023

| PROPERTIES | TYPICAL VALUES | UNITS | TEST METHODS |
|--|----------------|-------|--------------|
| POLYMER PROPERTIES | | | |
| Mooney viscosity (ML 1+4, 125 °C) ⁽¹⁾ | 72 | MU | ASTM D1646 |
| Ethylene Content | 69 | Wt.% | ASTM D3900 |
| Ethylidene Norbornene (ENB) Content | 5 | Wt.% | ASTM D6047 |

(1) Polymer remassed at 140 ± 5° C

CHARACTERISTICS

SABIC EPDM 756 is designed for: smooth and fast extrusion, improved mixing, mill handling and physical properties, excellent oil retention and improved cure bloom in compounds, high filler loadable.

STORAGE AND HANDLING

SABIC EPDM 756 should be stored in its original packing at ambient temperature in dry conditions; flowability of the pellets can be negatively influenced by pressure or high temperature; exposure to heat, ultraviolet light and direct sun light should be avoided. Under suitable storage conditions, the product is stable for 24 months from the date of manufacture. SABIC will not extend its warranty when storage conditions are inadequate which may lead to quality deterioration such as pellet hardening or color change that could result in inadequate product performance.

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