

Polymers

SABIC® EPDM 756

Ethylene Propylene Diene Rubber

Revision Date: May 2016

PRODUCT DESCRIPTION:

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

CHARACTERISTICS:

Compared to typical narrow MWD grades EPDM 756 is designed for:

- Smooth and fast extrusion
- Improved mixing, mill handling and physical properties
- Improved oil retention and cure bloom in compounds
- High filler loadable
- Fast curing

TYPICAL APPLICATIONS:

- Industrial hoses
- Automotive hoses and belts
- Extruded profiles
- Auto weather seals
- Low voltage insulation

TYPICAL DATA:

PROPERTIES	Unit	Typical Value ⁽¹⁾	Test Method
Mooney Viscosity (ML 1+4, 125°C)	MU	72	ASTM-D 1646
Ethylene Content	Wt%	69	ASTM-D 3900
Ethylidene Norbornene (ENB) Content	Wt%	5	ASTM-D 6047

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

STORAGE:

EPDM 756 should be stored in its original packing at ambient temperature in dry conditions; flow ability of the pellets can be negatively influenced by pressure or high temperature; exposure to ultraviolet light and direct sun light has to be avoided. 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.

For additional technical, sales and order assistance:

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