

Polymers

SABIC® EPDM 855

Ethylene Propylene Diene Rubber

Revision Date: May 2016

PRODUCT DESCRIPTION:

EPDM 855 is a high mooney viscosity, medium ethylene and ENB grade produced by solution polymerization using metallocene catalyst. It has a broad molecular weight distribution. It is available in fragile bale.

CHARACTERISTICS:

EPDM 855 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:

- Automotive weather-seals profiles
- Automotive coolant and air hoses
- Industrial gasket and O-ring
- Washing machine gaskets

TYPICAL DATA:

PROPERTIES	Unit	Typical Value ⁽¹⁾	Test Method
Mooney Viscosity (ML 1+4, 125°C)	MU	80	ASTM-D 1646
Ethylene Content	Wt%	55	ASTM-D 3900
Ethylidene Norbornene (ENB) Content	Wt%	5.2	ASTM-D 6047

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

STORAGE:

EPDM 855 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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