

PERFORMANCE CHEMICALS

SABIC™ EPDM 855

Ethylene Propylene Diene Rubber

PRODUCT DESCRIPTION:

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

CHARACTERISTICS:

SABIC™ EPDM 855 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.

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.