

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 <sup>(1)</sup>	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.

## CONTACT US:

Saudi Basic Industries Corporation  
P.O. Box 5101  
Riyadh 11422  
Kingdom of Saudi Arabia  
Tel: 966 1 2258000  
Fax: 966 1 2259000

Technical Marketing  
Tel: 966 1 2258630  
Fax: 966 1 2258730  
Email: [fp\\_pcsbu@sabic.com](mailto:fp_pcsbu@sabic.com)  
Website: [www.sabic.com](http://www.sabic.com)

Application Development (SPADC)  
Tel: 966 1 2503067  
Email: [fp\\_pcsbu@sabic.com](mailto:fp_pcsbu@sabic.com)  
Website: [www.sabic.com](http://www.sabic.com)

NOTICE: The information and data contained herein are believed to be correct and given in good faith, but because of the many particular factors which are outside our knowledge and control and affect the use of product, no warranty is given or is to be implied with respect to such information, nor do we offer any immunity against infringement.



DISCLAIMER: Products referred to in this document are sold subject to SABIC's Standard Terms and Conditions of Sale (the "Terms") which are available upon request. The information contained herein is supported by research and is believed to be reliable as of the date compiled and representative of production but no guarantee, representation or warranty, express or implied, is made or intended as to the correctness, sufficiency, suitability, merchantability or fitness for a particular purpose of any such information or the products to which it relates. Users are solely responsible for making their own determination as to the suitability of any product for their intended use and that such use is in compliance with applicable laws and standards. Nothing in this document is intended or should be construed to grant a license or immunity under any SABIC or third party intellectual property rights. Save and as expressly set out in the Terms, SABIC shall in no event be liable for any loss, damage or injury howsoever arising from the use of information or the products referred to herein.