

SABIC® EPDM 657

ETHYLENE PROPYLENE DIENE RUBBER

DESCRIPTION

SABIC EPDM 657 is a medium mooney viscosity, high ethylene and medium ENB content grade produced by solution polymerization using metallocene catalyst. It has medium molecular weight distribution with precise control of molecular composition and architecture. This product is available in pellet form.

TYPICAL APPLICATIONS

SABIC EPDM 657 can be used for: hoses, mechanical goods, extruded profiles, low voltage wire & cable insulation, gaskets and seals

TYPICAL PROPERTY VALUES

Revision 20240429

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Mooney viscosity			
ML 1+4, 125 °C ⁽¹⁾	60	MU	ASTM D1646
Ethylene Content	73	Wt. %	ASTM D3900
Ethylidene Norbornene (ENB) Content	5	Wt. %	ASTM D6047

(1) Polymer remassed at 140 ± 5° C

CHARACTERISTICS

SABIC EPDM 657 is designed for : better physical properties, improved mixing and mill handling, improved extrusion characteristics, excellent green strength

STORAGE AND HANDLING

SABIC EPDM 657 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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