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## Product Data Sheet

### SUMITOMO EPDM

#### **512E**

Ethylene Propylene Diene Rubber, Non-Oil Grade

#### Applications

General industrial products using extrusion process for hoses and gaskets, as well as wire and cable application. Also suitable for transfer and injection mouldings.

#### Characteristics

Excellent processability, high green strength, outstanding physical properties, and good dimension stability, suitable for blend with diene type rubber.

#### Typical Properties

Characteristics	Value	Unit	Method	
ML <sub>(1+4)</sub>	125°C	64	MU	ASTM D1646
Ethylene Content <sup>(*1)</sup>		68	wt%	ASTM D3900
ENB Content <sup>(*2)</sup>		5.0	wt%	ASTM D6047

The values shown are typical values measured on the product and are not to be considered as guaranteed specifications, actual test results may vary

(\*1) C<sub>2</sub> + C<sub>3</sub> = 100 wt%

(\*2) C<sub>2</sub> + C<sub>3</sub> + ENB = 100 wt%

### Ethylene Propylene Diene Monomer (EPDM)

#### Ethylene Propylene Diene Monomer (EPDM)

Derived from ethylene, propylene, and diene monomers, EPDM is a synthetic rubber known for its excellent weather resistance, ozone resistance, and flexibility across a wide temperature range. Its molecular structure, incorporating saturated hydrocarbons, provides durability and resilience, making EPDM widely used in automotive seals, roofing membranes, and outdoor applications where exposure to harsh environmental conditions is common.

