

## Product Data Sheet

### SUMITOMO EPDM

## **552E**

Ethylene Propylene Diene Rubber, Non-Oil Grade

|                 |  |
|-----------------|--|
| Applications    | General industrial products using extrusion process for hoses and gaskets as well as wire & cable. Also suitable for transfer and injection mouldings. |
| Characteristics | Very high molecular weight, suitable for high filler and oil loading for cost saving compounds.  |

### Typical Properties

| Characteristics                  |       | Value | Unit | Method     |
|----------------------------------|-------|-------|------|------------|
| ML <sub>(1+4)</sub>              | 125°C | 81    | MU   | ASTM D1646 |
| Ethylene Content <sup>(*1)</sup> |       | 59    | wt%  | ASTM D3900 |
| ENB Content <sup>(*2)</sup>      |       | 5.5   | 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%

**Manufacturer**

552E is manufactured in Saudi Arabia by Rabigh Refining & Petrochemical Co. (Petro Rabigh).

The certification on ISO 9001, ISO 14001, and OHSAS 18001 is in progress and will be completed soon after commercial production.

**Regulatory Compliances**

Evaluation on common regulatory compliances on 552E will be verified by accredited third party laboratories soon after commercial production.

Please contact your nearest SCA representative for more information.

**Storage and Handling**

552E is supplied in 25kg bales in steel boxes. It is advisable to store in a well-ventilated storage facility, protected from rain, direct exposure to sunlight, temperature, and dust.

Moisture may accumulate inside the packaging if there is a significant fluctuation in ambient temperature and high relative humidity. If this occurs, customer is strongly advised to dry the resin prior to use. Direct exposure to sunlight and excessive ambient temperature may affect the properties, appearance, and odour characteristic of the resin. Please refer to the Safety Data Sheet (SDS) for information regarding industrial health and safety issues.

**Disposal and the Environment**

SCA prioritises environmental management in all our operations in responsibility and respect towards the community and the environment.

Disposal of 552E should at all times comply with the local and regional environmental protection and waste disposal regulations.

**Office Locations****SUMITOMO CHEMICAL ASIA PTE LTD**

3 Fraser Street, #07-28 DUO Tower, SINGAPORE 189352

Phone +65 6303 5188

Fax +65 6298 9621

Web Site [www.sumitomo-chem.com.sg](http://www.sumitomo-chem.com.sg)

**SUMIKA PLASTICS AND CHEMICALS TRADING (SHANGHAI) CO., LTD.**

Unit 46-07 Grand Gateway II, No.3 Hongqiao Road, Xu Hui District, Shanghai, CHINA 200030

Phone +86 21 6448 2255

Fax +86 21 6407 7365

**SUMIKA PLASTICS AND CHEMICALS TRADING (SHANGHAI) CO., LTD., GUANGZHOU BRANCH**

Room 6404, Office Building, CITIC Plaza, No.233, North Tianhe Road, Guangzhou City, CHINA 510613

Phone +86 20 3877 3577

Fax +86 20 3877 3511

**SCA SOUTH ASIA PETROCHEMICALS PRIVATE LIMITED**

Private Office No. 218, DBS Business Center, FF, World Trade Tower, Barakhamba Lane, Connaught Place, New Delhi 110001, INDIA

Phone +91 11 4050 9218

Fax +91 11 2341 4740

**SUMITOMO CHEMICAL EUROPE S.A./N.V.**

Woluwelaan, 57, B-1830 Machelen, BELGIUM

Phone +32 2 251 0650

Fax +32 2 251 2991

Web Site [sumitomochemicaleurope.eu](http://sumitomochemicaleurope.eu)

**SUMITOMO CHEMICAL EUROPE N.V.**

Turkey Liaison Office, Barbaros Mah. Cigdem Sok. No:1, Agaoglu My Office K:10, D:44-45, 34746 Bati Atasehir, Istanbul, TURKEY

Phone +90 216 680 3334

Fax +90 216 680 1012

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