

Product Data Sheet

SUMITOMO EPDM

505A

Ethylene Propylene Diene Rubber, Non-Oil Grade

Applications Transfer and injection mouldings, for electrical equipment, sponge products for weather strips and heat insulation, and for ozone resistance modifier. Also suitable for wire and cable application, as well as for blend with diene type rubber.

Characteristics Low Mooney Viscosity and high diene content, good flow and high cure rate, suitable for foam applications using continuous curing.

Typical Properties

Characteristics	Value	Unit	Method
ML ₍₁₊₄₎ 100°C	45	MU	ASTM D1646
Ethylene Content ^(*1)	57	wt%	ASTM D3900
ENB Content ^(*2)	8.4	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) C₂ + C₃ = 100 wt%

(*2) C₂ + C₃ + ENB = 100 wt%

GLOBUS RUBCHEM (P) LTD.
Kolkata | Mumbai | Chennai | Bangalore

Manufacturer

505A is manufactured in Saudi Arabia by Rabigh Refining & Petrochemical Co. (Petro Rabigh). Petro Rabigh is an ISO 9001, ISO 14001, and ISO 45001 certified company.

Regulatory Compliances

Unmodified 505A complies with most of the common regulatory in the industry for its intended applications. Please contact your nearest SCA representative for more information.

Restriction of Hazardous Substances

The substances regulated under EU Directive 2011/65/EC, and its amendments, on RoHS in electrical and electronic equipment are not used in the manufacturing process, and are therefore not expected to be present in the product.

Storage and Handling

505A 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.

505A is recommended for up to 18 months shelf life starting from Certificate of Analysis (CoA) date, under the recommended Storage Guideline. Please contact your nearest SCA representative for more information.

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 505A 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

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

4103 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

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 sumitomochemicalseurope.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

Disclaimer

All information contained in this document is provided in good faith and its sole purpose is to provide information regarding SCA's polymer products. This product catalogue is provided on an "as is" basis. SCA makes no representation, warranty, express or implied and assumes no liability as to the accuracy or completeness of any of the information contained in this product catalogue. The values shown are purely values measured on the product and are not to be considered as guaranteed specifications. Any information on this product catalogue should not be considered as a recommendation. Customer is responsible to ensure that SCA materials, whether used alone or mix with other materials, are suitable for the intended application. SCA expressly disclaims for any and all liability, including direct and indirect loss, consequential loss or damages based on or relating to the use or errors of and omissions of such information in this product catalogue. Information contained herein is NOT intended to announce product availability anywhere in the world. Please contact your nearest SCA representative for more detailed information.