

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 ₍₁₊₄₎	125°C	64	MU	ASTM D1646
Ethylene Content ^(*1)		68	wt%	ASTM D3900
ENB Content ^(*2)		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) C₂ + C₃ = 100 wt%

(*2) C₂ + C₃ + ENB = 100 wt%

Manufacturer

512E 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 512E will be verified by accredited third party laboratories soon after commercial production.

Please contact your nearest SCA representative for more information.

Storage and Handling

512E 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 512E should at all times comply with the local and regional environmental protection and waste disposal regulations.

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