

Product Data Sheet

SUMITOMO TPO

2785

Thermoplastic Polyolefin

Applications	Extrusion moulded auto parts, sheets, tubes, and general industrial products
Characteristics	Soft-type thermoplastic polyolefin formulated with vulcanization agent, suitable for extrusion moulding process.
Typical Processing Conditions	Extrusion temperature : 170°C - 230°C Die temperature : 200°C - 220°C

Typical Properties

Physical		Value	Unit	Method
Melt Flow Rate	230°C, 10kg	25	g/10min	ASTM D1238
Density		0.886	g/cm ³	ASTM D792
Mechanical		Value	Unit	Method
Tensile Strength	at Break	7	MPa	ASTM D412
Tensile Elongation	at Break	720	%	ASTM D412
Compression Set	70°C, 22hr	53	%	ASTM D395
Other		Value	Unit	Method
Hardness	Shore A	68	-	ASTM D2240

The values shown are typical values measured on the product and are not to be considered as guaranteed specifications, actual test results may vary
Tensile test method : Die C, 500mm/min

Manufacturer

2785 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

Evaluation on common regulatory compliances on 2785 will be verified by accredited third party laboratories soon after commercial production.

Please contact your nearest SCA representative for more information.

Storage and Handling

2785 is supplied in 20kg bags 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.

It is recommended to process 2785 within 6 months upon receipt.

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 2785 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.

1607, Ascendas Plaza, 333 Tian Yao Qiao 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

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