

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
Density	0.886	g/cm ³	ASTM D792
Mechanical	Value	Unit	Method
Tensile Strength	at Break	7	MPa
Tensile Elongation	at Break	720	%
Compression Set	70°C, 22hr	53	%
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.

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