

Product Data Sheet

SUMITOMO TPO

8710

Thermoplastic Polyolefin

Applications	Injection moulded tool grips, general industrial products.
Characteristics	Flexible-type, simply blended TPO with lower density suitable for weight saving applications, easy processing.
Typical Processing Conditions	Extrusion temperature : 170°C - 220°C Die temperature : 200°C - 220°C

Typical Properties

Physical		Value	Unit	Method
Melt Flow Rate	230°C, 2.16kg	1.2	g/10min	ASTM D1238
Density		0.869	g/cm ³	ASTM D792
Mechanical		Value	Unit	Method
Tensile Strength	at Break	3.7	MPa	ASTM D412
Tensile Elongation	at Break	270	%	ASTM D412
Other		Value	Unit	Method
Hardness	Shore A	79	-	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

8710 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 8710 will be verified by accredited third party laboratories soon after commercial production.

Please contact your nearest SCA representative for more information.

Storage and Handling

8710 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. 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 8710 should at all times comply with the local and regional environmental protection and waste disposal regulations.

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