

Smooth Geomembrane

Geosynthetic Product Specification

Product overview

Technical specifications for Smooth Geomembrane, organized by the product codes, source specification columns or product types listed in the available product data.

TECHNICAL SPECIFICATIONS

Specifications by stated thickness / 0.5, 0.75, 1 / Thickness (mm)

Property	Unit	0.5	0.75	1	Test Method
Tear Resistance	N	62	93	125	ASTM D 1004
Puncture Resistance	N	160	240	320	ASTM D4833

Specifications by stated thickness / 1.25, 1.5, 2 / Thickness (mm)

Property	Unit	1.25	1.5	2	Test Method
Tear Resistance	N	Not stated	187	249	ASTM D 1004
Puncture Resistance	N	400	480	660	ASTM D4833

Specifications by stated thickness / shared values for all listed grades

Property	Unit	Specification / Value	Test Method
Density	g/cc	0.94	ASTMD1505/ D792
Stress Crack Resistance	hr.	500h.	ASTM D 5397
Carbon Black Dispersion		For 10 different views:9 in Categories 1 or 2 and 1in Category 3	ASTM D5596

Test-method references are reproduced from the available product data.

Not stated indicates that a value is not provided in this sheet.

Technical disclaimer

Specifications shown in this document are based on the available product data for the listed grade or series. Final specifications, dimensions and documentation should be confirmed according to the selected product and project requirements.