

Textured Geomembrane

Geosynthetic Product Specification

Product overview

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

TECHNICAL SPECIFICATIONS

Grade specifications

Property	Unit	BM10	BM15	BM20	BM25	Test Method
Thickness	mm	1	1.5	2	2.5	D5994
Asperity Height	mm	0.25	0.25	0.25	0.25	D 7466
Density	g/cc	0.94	0.94	0.94	0.94	
Tensile yield strength	kN/m	15	22	29	37	D 6693 Type IV
Tensile break strength	kN/m	27	40	53	67	D 6693 Type IV
Tensile yield elongation	%	12	12	12	12	D 6693 Type IV
Tensile break elongation	%	700	700	700	700	D 6693 Type IV
Tear Resistance	N	125	187	249	311	D 1004
Puncture Resistance	N	320	480	640	800	D 4833
Stress Crack Resistance	h	500hr.	500hr.	500hr.	500hr.	D 5397(App.)
Carbon Black Content	%	2.0-3.0 %	2.0-3.0 %	2.0-3.0 %	2.0-3.0 %	D4218(3)
Standard OIT	min	100	100	100	100	D 3895
High Pressure OIT	min	400	400	400	400	D 5885
Oven Aging at 85°C retained after 90 days: Standard OIT	%	55%	55%	55%	55%	D5721; D 3895

Property	Unit	BM10	BM15	BM20	BM25	Test Method
Oven Aging at 85°C retained after 90 days: High Pressure OIT	%	80%	80%	80%	80%	D5721; D 5885
UV Resistance: High Pressure OIT retained after 1600 hrs	%	50	50	50	50	D5885

Testing frequency stated in product data

Property	Test Frequency
Thickness	per roll
Asperity Height	Every 2 roll(2)
Density	90,000 kg
Tensile Properties	9,000kg
Tear Resistance	20,000 kg
Puncture Resistance	20,000 kg
Stress Crack Resistance	per GRI GM-10
Carbon Black Content	9,000kg
OIT	90,000 kg
Oven Aging	per each formulation
UV Resistance	per each formulation

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

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.