

PLASTIFLEX GLB/GT 2,0 mm

PVC MEMBRANE UV RESISTANT FOR DAMS, ARTIFICIAL LAKES, WATER RESERVOIR JOBS COATED WITH 500 g/sqm PP GEOTEXTILE

DATA SHEETS

TEST	SPECIFIC	UNIT	VALUE
Thickness	EN 1849-2	mm	2,00 ± 5%
Tensile strength	UNI EN ISO 527-4	N/5 cm	≥ 100
Elongation at break	UNI EN ISO 527-3	%	≥ 200
Aeric mass	EN 1849-2	Kg/m ²	3.15 ± 0.05
Resistance to impact	UNI EN 12691	mm	≥ 3500
Resistance to tearing	UNI EN 12310-2	N	≥ 100
Deformation to the warm (Long, Trasv)	EN 1107-02	%	± 2 %
Water permeability	UNI EN 14150	< 10 ⁻⁶ m ³ /m ² /d	
Adsorbability (7 days in water)	UNI EN ISO 62	%	≤ 1
Cold bending	EN 495-5	°C	≤ - 40
Watertightness (1 Mpa for 24 h)	UNI EN 1928	No dripping or water loss	
Resistance to oxidation UNI EN 14575-UNI EN ISO 527/3: 90 days at 85°C	Percentage of tensile strength retained	%	≥ 90
	Percentage of elongation at break retained		≥ 90
Resistance to acid solutions H ₂ SO ₃ : DIN 16726 5.18 (28 days at 23°C)	Change of tensile strength	%	≤ - 20
	Change of elongation at break		≤ - 20
	Folding at T of -20°C	No break or crack	
Resistance to salt solutions (NaCl): DIN 16726 5.18 (28 days at 23°C)	Change of tensile strength	%	≤ - 20
	Change of elongation at break		≤ - 20
	Folding at T of -20°C	No break or crack	
Resistance to Alkaline solution Ca(OH) ₂ : DIN 16726 5.18 (23 days at 23°C)	Change of tensile strength	%	≤ - 10
	Change of elongation at break		≤ - 10
	Folding at T of -20°C	No break or crack	
Resistance to heat	General appearance	No visible changes	

DIN 16726 5.13	Dimensional stability (6h, 80°C)	%	≤ - 3
	Change of tensile strength(7 days, 80°C)		≤ - 20
	Change of elongation at break (7days,80°C)		≤ - 20
	Folding at T – 20°C	No break or crack	
Burst strength	DIN 61551	kPa,%	Stress ≥ 5900 kPa Strain ≥ 59 %
Fire resistance	UNI EN ISO 11925-2	Class	E
Root resistance	UNI CEI/TS 14416	Conform	
Shear resistance when applied with a bituminous	DIN 16726 5.10	N/50 mm	≥ 600
Product conform to the norm EN 13491 and EN 13967			
Color : White			

Thickness	Width	Length
1,0 - 3,5 mm	2,10 mt	As request



PLASTISELL S.R.L. Via Gravellona 2 - 28071 Borgolavezzaro (NO) ITALY
+39 0321 885106 - 885351 Fax. + 39 0321 885550,E-Mail: info@plastisell.it – www.plastisell.it

