Poolside by CGT

PF3000

Technical Data Sheet

Thickness	Embossing	Colour
1,5mm	Smooth (2010)	Grey Anthracite Sand Pale Blue Adriatic Blue White Caribbean Green

Main applications

Reinforced swimming-Pool membranes
Higher Class

Product description

Reinforced varnished calendered flexible PVC film
Stabilisation system : Without Heavy metals
UV Stabilisation : Yes

General comments

Our products have been developed according to EN 15836-2.
Others colours, thicknesses, or embosses, can be developed on demand.

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General properties	Unit	Method	Typical Value
Surface mass	g/m²	EN ISO 1849-2	1850 +/- 5%
Water Absorbtion	% (Weight)	EN ISO 62 Method 1	≤ 1
CaCO3 Ratio	% (Weight)	EN 15836-2 Annex A	≤ 3
Available Width	mm		1650, 2050
Physical properties	**Unit**	**Method**	**Typical Value**
Thickness Over Emboss	mm	EN 1849-2	1,5 +/-5%
Elongation at Break	%	EN 12311-2 Method A	15 ≤ E ≤ 30
Tensile strenght at Break	N/50mm	EN 12311-2 Method A	≥ 1100
Peel Resistance	N/50mm	EN 12316-2	≥ 80
Tear Strenght	N	EN 12310-2	≥ 180
Dimentional stability	%	EN 1107-2	≤ 0,5
Foldability at low temperature	°C	EN 495-5	-25
Welding peel resistance	N/50mm	EN 12316-2	≥ 80
Reinforcement (100% PES)			
Construction (warp, weft)	thr/cm		2,8
Weight	g/m²		93
Fabric	Tex		110
Durability	**Unit**	**Method**	**Typical Value**
Artificial ageing (6000h)	Grey scale	EN ISO 4892-2:2006 Method A, cycle 1 EN 20105-A02	≥ 3
Microorganism resistance	% (Weight loss)	EN ISO 846:1997 Method D	≤ 1
Bacterium Resistance (Streptoverticilium reticulum)		EN ISO 846:1997 Method C Souche : ATCC 25607	No Staining
Chlorine Resistance	Grey Scale	EN 15836-2 Annex C	≥ 3
Staining Agent Resistance	Degree	EN 15836-2 Annex D	≥ 4
Abrasion resistance		EN ISO 5470-1	Pass
Temperature resistance	°C	EN 15836-2	≤ 32

Processing	Comments
Hot Air Welding	Optimisation needed depending on machine

Storage & Handling	
Storage Temperature	We recommend indoor storage at room temperature (max.23°C)
Storage Time	We recommend storage time less than eighteen months after production date
Processing Temperature	Film should be stored at room temperature (max, 23°C, min. 24h) before processing

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