


Pool Liner Material - Haining Comax New Material Co., Ltd.

PVC Membrane Pool Liner Fabric – 1.50mm PVC Tarpaulin Vinyl Swimming Pool Liner Fabric Mosaic Design

	<h4>Features</h4> <ul style="list-style-type: none"> ● Reinforced varnished calendered flexible PVC film ● Stabilization system: Without Heavy metals ● UV Stabilization: Yes ● Other colors, thicknesses, or embosses, can be developed on demand. ● Customized OEM Production Service Available
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Technical Data Sheet

General Properties	Unit	Method	Typical Value
Surface	g/m ²	EN ISO 1849-2	2000 +/- 5%
Water Absorbtion	% (Weight)	EN ISO 62 Method 1	≤ 1
Available Width	mm		1500-1830
Physical properties	Unit	Method	Typical Value
Thickness Over Emboss	mm	EN 1849-2	1,5 +/-5%
Elongation at Break	%	EN 12311-2Method A	15 ≤ E ≤ 30
Tensile Strength at Break	N/50mm	EN 12311-2Method A	≥ 1100
Adhision Strength	N/50mm	EN 12316-2	≥ 80
Tear Strength	N	EN 12310-2	≥ 180
Dimensional 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		3,5
Weight	g/m ²		88
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 (Streptovercillum 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		Optimization 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	

Information contained in this document is based on our general experience and is given in good faith. But we are unable to accept responsibility in respect to factors which are outside our knowledge or control.

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