

IZOSELF POLYESTER-CROSS LAMINATED (HDPE)

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	90-100	ASTM D 36
2	Penetration	dmm	70	ASTM D 5
3	Cold Flexibility	°C	>-25	ASTM D 5147
4	Reinforcement		polyester	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	500	ASTM D 412
	Transversal		300	
6	Film Elongation @23 + 2 °C	%		ASTM D 412
	Longitudinal		300	
	Transversal		350	
7	Lap joint Strength	N/5 cm		UEA/c
	Longitudinal		500	
	Transversal		300	
8	Tear Strength	N		ASTM D 624
	Longitudinal		350	
	Transversal		200	
9	Puncture Resistance	N	500	ASTM E 154
10	Resistance to accelerated aging (weather- C-meter)		Pass	ASTM G 53
	2000 hrs (equals 10 years exposure to elements)			
11	Water Absorption (@ 25 °C for 24hrs)	%	< 0.5	ASTM D 5147
12	Water Vapour Transmission,	g/m2/24hrs	<0.2	ASTM E 96
13	Adhesion Strength ,			
	To primed concrete	N/mm	3.2	ASTM D 1000
	To self	N/mm	3.2	ASTM D 1000
14	Impermeability of welded seams to water pressure	-	Absolutely impermeable	UEA/c
15	Resistance to chemicals	-	Good/ Conform	ASTM D 543

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEA/c STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomaks
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