



Gulmohar Pack-Tech India Pvt. Ltd.

An ISO 9001-2015 Company

Test Certificate

TEST REPORT AS PER STANDARD AND AMENDMENT WITH DATE: As per
IS:14611:2016 TEST REPORT NO:3124

PART-A:- PARTICULARS OF SAMPLE SUBMITTED

A) Name of sample	Multilayer Cross Laminated Sheet
B) Grade	120 GSM, Type-MN, Color-Blue
C) Declared Value, if any	--
D) Code No	--
E) Batch No.& Date of Mfg.	--
F) Quantity	1NO.of 1Mtr x 1Mtr
G) Mode of Packaging	Packed in Polythene
H) Sealed or not	Not Sealed

Date of completion of testing 18/05/2023

PART-B :- SUPPLEMENTARY INFORMATIONS

A) Reference to sampling procedure	NA
B) Supporting document for the results	NA
C) Deviation from the test method as prescribe	NA

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PART-C :- TEST RESULTS AS PER IS:14611:2016

S.NO	Clause	Name of the Test	Test Method	Units	Specified Requirements	Test Results Obtained
1	5.2	Panel	IS 14611-2016	--	The Panels shall be flat (lap) joined and heat sealed to each other with two sealing bands at a distance of 10mm between them.	Confirm
2	6.1	Workmanship	IS 14611-2016	-	The tarpaulins cover shall be uniform in Color texture and finish and shall be substantially free from pin hole and particles of foreign matter. There shall be no other visible defects, such as holes tears of blisters. The edges shall be free from nicks & cuts visible to unaided eye.	Satisfactory
3	6.2	Substance (gsm)	IS 7016 (pt-1)	Gm/m2	Min 120+/-10%	126
4	6.3	Accelerated Ageing Test	IS 1016(pt.-8)	—	The sample shall show no apparent deterioration like softening, stiffening. Tackiness, brittleness discoloration of degradation of physical properties	Sample shoes no sign of apparent deterioration like softening, stiffening. Tackiness, brittleness discolorationof degradation of physical properties

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5	6.8 & Table-1	Tensile Strength (Before Ageing)	IS:13360 (pt-5/Sec-1) & (pt-5/Sec-3)	Kgf/cm ²	Min. 250	323.4
		A) Longitudinal Direction		%		
		b) Transverse Direction		%	Min. 200	299.7
		Elongation at break		Kgf/cm ²	Min. 400	817.6
		A) Longitudinal Direction b) Transverse Direction		Kgf/cm ²	Min. 300	902.5
6	6.8 & Table-1	Tensile Strength (After Ageing) (At 70+/- 1°C for 168 Hrs)	IS:13360 (pt-5/Sec-1) & (pt-5/Sec-3)	Kgf/cm ²	(Max.) 30% Decrease from the original	248.9
		a) Longitudinal Direction				
		b) Transverse Direction		Kgf/cm ²		225.5
7	6.8 & Table-1	Tear Strength (Before Ageing)	IS:14611-2016	Gm	Min. 2080	3878
		a) Longitudinal Direction				
		b) Transverse Direction		Gm	Min. 1600	3328
8	6.3 & 6.8 Table-1	Tear Strength (After Ageing)	Annex-F of IS: 14611-2016	Gm	Max. 30% decrease from the original	3034
		a) Longitudinal Direction				
		b) Transverse Direction		Gm		2458
9	6.8 Table-1	Dart Impact Test	IS:13360 (pt-5/Sec-6 method-B)	--	Should not get failure below 400gf load	Sample not failed at 400 gf load

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10	6.8 Table-1	Tensile Strength (After UV test) a) Longitudinal Direction	IS:13660 (pt-5/Sec-1) & (pt-5/Sec-3) & IS 14611	Kgf/cm2	Should be Min. 50% Of original value	210.1
		b) Transverse Direction				184.6
						548
		Elongation at break (After UV test) a) Longitudinal Direction				
		b) Transverse Direction				553
11	6.4	Water Proofness Test	IS:7016 (pt-7)	--	Shall not allow water to percolate through or become wet on its outer surface	Sample not allowed water to percolate through or become wet on its outer surface
12	6.5	Strength of joint /seam	IS 14611: 2016 (Annex-C)	--	Joints shall be capable of withstanding a load of 2.5 kg for specified time of 1 hr.	Joints are capable of withstanding a load of 2.5 kg for specified time of 1 hr.
13	6.6	Flex Test (Before Ageing)	IS: 7016 (pt-8)- 1975	--	The sample shall pass the flex test Min.50,000 Cycles	Sample passed the flex test 50,000 cycles
		Flex Test (After Ageing) (At 70+/- 1°C for 168 hrs)	IS: 7016 (pt-8)- 1975	--	The sample shall pass the flex test Min.50,000 Cycles	Sample passed the flex test 50,000 cycles
14	--	Fumigation Retention Test	IS:13217	%	Shall be not mote than 7.5	4.3

PART-D: REMARKS

NIL.

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