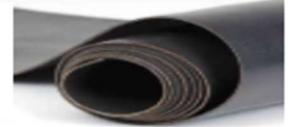




PRODUCT: - POLYSTER FABRIC SINGLE TEXTURE INFLATABLE GAS BALLOON TECHNICAL DATA SHEET



TECHNICAL SPECIFICATION

SR NO	PROPERTY	UNIT	STANDARDS	SPECIFICATION
1	Coated Fabric Thickness	MM	IS 7016 - PART I	1.20 ± 0.10
2	Coated Fabric GSM	Gram/sq. meter	IS 7016 - PART I	1500 ± 100
3	Coated Fabric Width	CMS OR MM	IS 7016 - PART I	150
4	BREAKING STRENGTH			
A)	Warp	Kg/50mm	IS 7016 - PART II	500
B)	Weft	Kg/50mm	IS 7016 - PART II	450
5	ELONGATION AT BREAK			
A)	Warp	%	IS 7016 - PART II	25 ± 4
B)	Weft	%	IS 7016 - PART II	30 ± 4
6	TEAR STRENGTH			
A)	Warp	Kgf	IS 7016 - PART III	30
B)	Weft	Kgf	IS 7016 - PART III	30
7	PEEL STRENGTH			
A)	Warp	Kg/25mm	IS 7016 - PART V	5
B)	Weft	Kg/25mm	IS 7016 - PART V	5
7	Colour			As Per Customer Requirement
8	Air Leak Proofness Test	Gms/Cm2	As Per Customer PO	When tested at a pressure of 200 gms/cm2 - no leakage should be found
9	Polymer	..		As Per Customer Requirement
10	Resistance to Flex Cracking For 100000 Cycle	...	No Crack Observed	No Crack Observed
11	Low Temperature Bend Test @ -20 °C	No Crack Observed	No Crack Observed
12	Dimension Test	MM	As Per Customer PO	As Per Customer PO
13	Pressure Test	PSI	As Per Zenith QAP	Gas Balloon should be inflated at ambient temp and it is to be kept for 24 hrs. Under 0.5 PSI pressure. There should be No Pressure drop
14	Leakage Test	...	As Per Zenith QAP	Gas Balloon should be inflated at ambient temp. Under 2 PSI pressure & Apply Soap Water Solution on body. There Should be no leakage in Seam Joint, Flange & body
15	Relief Value	PSI	As Per Customer PO	The Relief Value to be Checked below Pressure & Reset pressure

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.*

