

TECHNICAL DATA SHEET

Product	Spunbond Non-Woven Fabric	
Raw Material	Polypropylene	
Grade	Homo-polymer Fiber Grade	
Melt Flow Index	35 Gms /10 min	
Decomposition Temperature	≥ 300 °C (572 ° F)	
Melting Point	140-170 °C (284-338 °F)	
Specific Gravity	0.85 - 0.95	
Physical Status	Solid non-woven fabric	
GSM Range	7 gsm to 180 gsm	
Colour	As per customer requirement	
Width	2 Inch to 126 Inch	
Length	200 m to 5000 m (Standard rolls according to GSM)	
Embossing	Diamond type	
Production Capacity	45000 Kgs per Day	
Composition	1. Polypropylene	98%
	2. Coloring Additives	2%

REMARKS:-

1. Recyclable and Reusable
2. Excellent breathability and permeability
3. May degrade under exposure to UV/sunlight
4. Can be used for Medical and Hygiene purposes such as making facemasks, sanitary napkins, gowns/aprons etc.
5. Excellent properties for packaging, construction sites or agricultural usages.

TENSILE STRENGTH PROPERTIES

S. No.	GSM	N/5cms		
		MD Force (N)	CD Force (N)	% Elongation
	Applicable Standard - WSP 130.1	Applicable Standard - WSP 110.4	Applicable Standard - WSP 110.4	Applicable Standard - WSP 110.4
1	8	≥ 8	≥ 4	≥ 30
2	10	≥ 10	≥ 5	≥ 30
3	12	≥ 12	≥ 6	≥ 30
4	15	≥ 15	≥ 8	≥ 30
5	18	≥ 18	≥ 9	≥ 30
6	20	≥ 20	≥ 10	≥ 40
7	25	≥ 25	≥ 13	≥ 40
8	30	≥ 30	≥ 15	≥ 40
9	40	≥ 56	≥ 36	≥ 50
10	50	≥ 70	≥ 45	≥ 50
11	60	≥ 84	≥ 54	≥ 50
12	70	≥ 98	≥ 63	≥ 50
13	80	≥ 112	≥ 72	≥ 50
14	90	≥ 126	≥ 81	≥ 50
15	100	≥ 140	≥ 90	≥ 50
16	120	≥ 168	≥ 108	≥ 40
17	150	≥ 210	≥ 135	≥ 40
18	180	≥ 250	≥ 162	≥ 40