



TECHNICAL DATA SHEET
50 mesh 140g
Woven Insect Net
with optical additive

S.No	Parameter	UOM	Value	Tolerance
1	Material	NA	HDPE	-
2	Type	NA	Mono filament	-
3	Colour	NA	Milky White	-
4	Product Category	NA	Woven	-
5	Width	Meter	up to 5.2	+/- 5 cm
6	Warp Yarn Diameter	mm	0.23	+/- 5%
7	Weft Yarn Diameter	mm	0.23	+/- 5%
8	Warp Denier	Denier	380	+/- 5%
9	Weft Denier	Denier	380	+/- 5%
10	Warp /inch	Threads/Inch	50	+/- 5%
11	Weft /inch	Threads/Inch	25	+/- 5%
12	Warp /cm	Threads/cm	19	+/- 5%
13	Weft /cm	Threads/cm	10	+/- 5%
14	Mesh Size (Warp x Weft)	mm	0.28 x 0.78	+/- 5%
15	Weave	NA	1/1 Plain	-
16	Shade %	%	NA	+/- 5%
17	Average GSM	Grams	140	+/- 5%
18	Bursting Strength	Kg/cm ²	19	+/- 10%
19	Warp Strength/ Elongation	Kgf/5cm %	162 45	+/- 10%
20	Weft Strength/ Elongation	Kgf/5cm %	98 30	+/- 10%
21	Cover Factor	%	54	+/- 5%
22	Air Permeability	mm/sec	4820	
23	Selvedge	-	As per Req	-
24	Reinforcement	-	As per Req	-
25	UV Stability*	Kly	As per Req	-



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