

MAXAGROW® Woven Landscape Fabric Series

MAXAGROW® Woven Landscape Fabric Series is a Capped Fabric, manufactured and supplied by Shri Ambica Polymer Pvt. Ltd. and will meet the following values when tested in accordance with the ASTM test methods listed below, unless otherwise stated.

SAPPL
RD-0860-QCD-06
REV NO:-01

ISSUE No: 03 | DATE: 25/10/2023

PROPERTIES (Test Methods)	Units (English)	TYPICAL AVERAGE VALUE (MD CMD)			
		NP 140W	NP 170W	CM 275/2L	CM 375/3L
MECHANICAL					
Grab Tensile Strength (ASTM D4632)	Lbf	80 50	80 65	-	-
Grab Elongation (ASTM D4632)	%	12 12	15 15	-	-
Trapezoidal Tear Strength (ASTM D4533)	Lbf	40 20	40 30	-	-
Static Puncture Strength (ASTM D6241)	Lbf	325	350	-	-
ENDURANCE					
UV Resistance @ 2500HR (ASTM D4355)	%	>70 (Carbon Arc Exposure)	>70 (Carbon Arc Exposure)	>70 (Carbon Arc Exposure)	>70 (Carbon Arc Exposure)
HYDRAULIC					
Water Flow Rate (ASTM D4491)	gal/min/ft ²	8	10	2.9	4.4
PHYSICAL					
Color		Black	Black	Black	Black
Mass Per Unit Area (ASTM D5261)	Oz/Sy	4.1	5	8	11
Width	ft	03 to 12	03 to 12	03 to 12	03 to 12

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PROPERTIES (Test Methods)	Units (Metric)	TYPICAL AVERAGE VALUE (MD CMD)			
		NP 140W	NP 170W	CM 275/2L	CM 375/3L
MECHANICAL					
Grab Tensile Strength (ASTM D4632)	N	356 222	356 289	-	-
Grab Elongation (ASTM D4632)	%	12 12	15 15	-	-
Trapezoidal Tear Strength (ASTM D4533)	N	178 89	178 133	-	-
Static Puncture Strength (ASTM D6241)	N	1446	1557	-	-
ENDURANCE					
UV Resistance @ 2500HR (ASTM D4355)	%	>70 (Carbon Arc Exposure)	>70 (Carbon Arc Exposure)	>70 (Carbon Arc Exposure)	>70 (Carbon Arc Exposure)
HYDRAULIC					
Water Flow Rate (ASTM D4491)	l/m ² .s	5	7	2	3
PHYSICAL					
Color		Black	Black	Black	Black
Mass Per Unit Area (ASTM D5261)	g/m ²	140	170	275	375
ROLL DIMENSIONS					
Width	Meter	01 to 3.65	01 to 3.65	01 to 3.65	01 to 3.65

Note :

- As a part of continual improvement process Shri Ambica Polymer Pvt. Ltd reserves the right to change the properties listed on this data sheet without prior notice.
- Degradation due to use of chemicals or pesticides is not guaranteed under UV Resistance.
- These figures related to standard products weights and roll sizes. Other weights, sizes and colors may be available on request.
- This data sheet supersedes any other previous issued data sheet.

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