

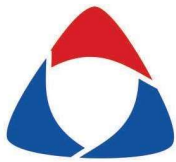


MAXAGROW[®] Woven Ground Cover Fabric Series

Maxagrow[®] Woven Ground Cover Fabric Series is a Woven Agrotextile 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: -00

PROPERTIES (Test Methods)	Units (English)	TYPICAL AVERAGE VALUE (MD CMD)					
		GCS 90CW	GCS 100CW	GCS 110CW	GCS 130CW	TWGCS 130W	GCS 200HF
MECHANICAL							
Tensile Strength (EN ISO 10319)	lbs/in	108 69	114 74	126 103	148 114	120 120	171 171
Elongation at Break (EN ISO 10319)	%	>15	>15	13 12	13 12	13 12	18 16
C.B.R Puncture (EN ISO 12236)	Lbf	461	528	562	674	600	899
ENDURANCE							
UV Resistance (EN ISO 12224)	%/hrs	70 / 2500	70 / 2500	70 / 2500	70 / 2500	70 / 2500	70 / 2500
HYDRAULIC							
Water Flow Rate* (EN ISO 11058)	gal/min/ft ²	22	22	22	22	50	59
PHYSICAL							
Colour		Black, White, Green, Brown	Black, White, Green, Brown	Black, White, Green, Brown	Black, White, Green, Brown	Black & White Two Way	Black & White Two Way
Mass Per Unit Area (ASTM D5261)	Oz/Sy	2.65	2.95	3.24	3.83	3.83	5.9
ROLL DIMENSIONS							
Width	ft	1.64 to 17.22	1.64 to 17.22	1.64 to 17.22	1.64 to 17.22	1.64 to 17.22	1.64 to 17.22
Length	ft	328	328	328	328	328	328



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PROPERTIES (Test Methods)	Units (English)	TYPICAL AVERAGE VALUE(MD CMD)		
		GCC 70W	GCC 100W	GCS 108W
MECHANICAL				
Grab Tensile Strength (ASTM D4632)	Lbf	80 70	150 120	175 105
Grab Elongation (ASTM D4632)	%	20 20	20 15	20 20
Trapezoidal Tear Strength (ASTM D4533)	Lbf	55 45	-	80 70
Static Puncture Strength (ASTM D6241)	Lbf	325	-	500
Puncture (ASTM D-4833)	lbs	-	84	-
Mullen Burst (ASTM D-3786)	PSI	-	300	-
ENDURANCE				
UV Resistance (ASTM D 4355)	%/hrs	50 / 3000	70 / 2500	70 / 2500
HYDRAULIC				
Permittivity (ASTM D4491)	S ⁻¹	-	0.05	-
Water Flow Rate (ASTM D4491)	gal/min/ft ²	3.5	3.4	10
PHYSICAL				
Colour		Black	Black	Black/White
Mass Per Unit Area (ASTM D5261)	Oz/Sy	2.1	3	3.2
ROLL DIMENSIONS				
Width	ft.	3,4,6,8,12	3,4,6,10,12,15	3,4,6,10,12,12.5,15,15.5
Length	ft.	300	300	300



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PROPERTIES (Test Methods)	Units (Metric)	TYPICAL AVERAGE VALUE (MD CMD)					
		GCS 90CW	GCS 100CW	GCS 110CW	GCS 130CW	TWGCS 130W	GCS 200HF
MECHANICAL							
Tensile Strength (EN ISO 10319)	kN/m	19 12	20 13	22 18	26 20	21 21	30 30
Elongation at Break (EN ISO 10319)	%	>15	>15	13 12	13 12	13 12	18 16
C.B.R Puncture (EN ISO 12236)	N	2050	2350	2500	3000	2669	4000
ENDURANCE							
UV Resistance (EN ISO 12224)	kly	600(Black, White) 450 (Green, Brown)	600(Black, White) 450 (Green, Brown)	600(Black, White) 450 (Green, Brown)	600(Black, White) 450 (Green, Brown)	600	750
HYDRAULIC							
Water Permeability* (EN ISO 11058)	l/m ² .s	15	15	15	15	34	40
PHYSICAL							
Colour		Black, White, Green, Brown	Black, White, Green, Brown	Black, White, Green, Brown	Black, White, Green, Brown	Black & White Two Way	Black
Mass Per Unit Area (ASTM D5261)	g/m ²	90	100	110	130	130	200
ROLL DIMENSIONS							
Width	Meter	0.5 to 5.25	0.5 to 5.25	0.5 to 5.25	0.5 to 5.25	0.5 to 5.25	0.5 to 5.25

Note :

- 1.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.
 - 2.This data sheet supersedes any other previous issued data sheet.
 - 3.Degradation due to use of chemicals or pesticides is not guaranteed under UV Resistance.
 - 4.Damage caused due to improper handling or storage will not be covered under any warranty.
- * For Water Permeability Tolerance will be ±50% of typical average value.

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