

Lampiran 1 Data Spesifikasi Geotekstil

UnggulTex

POLYPROPYLENE WOVEN GEOTEXTILES

TECHNICAL SPECIFICATIONS

PROPERTIES	UNIT	TEST METHOD	UW - 150	UW - 200	UW - 250
Physical Properties					
Mass	g/m ²	ASTM D 5261-92	150	200	250
Thickness	mm	ASTM D 5189-91	0.5	0.6	0.7
Colour	-	-	Black	Black	Black
Mechanical Properties					
Stip Tensile Strength (Wlab/Wef)	kN/m	ASTM D 4595-94	37/35	42/39	52/52
Elongation at Max. Load (Wlab/Wef)	%	ASTM D 4595-94	19/18	23/20	26/28
Crab Tensile Strength (Wlab/Wef)	N	ASTM D 4632-91	1210/1260	1600/1600	1750/1750
Elongation at Max. Load (Wlab/Wef)	%	ASTM D 4632-91	14/13	22/22	22/22
Trapezoidal Tear Strength (Wlab/Wef)	N	ASTM D 4533-91	615/615	700/700	800/800
Hydraulic Properties					
Pore Size D ₉₅	µm	ASTM D 4701-95	320	275	250
Water Permeability	l/s/Sec	100 mm water head	25	10	7.5
Environmental Properties					
Effect of soil Alkalinity	-	-	nil	nil	nil
Effect of soil Acidity	-	-	nil	nil	nil
Effect of Bacteria	-	-	nil	nil	nil
Effect of U.V. Light	-	-	Stabilized	Stabilized	Stabilized
Packaging					
Roll Length	m	-	150 - 200	150 - 200	150 - 200
Roll Width	m	-	3 - 4	3 - 4	3 - 4
Roll Area	m ²	-	640 - 700	640 - 700	640 - 700
Roll Diameter (Approx)	m	-	0.4 - 0.5	0.4 - 0.5	0.4 - 0.5
Roll Weight (Approx)	kg	-	90 - 114	128 - 162	150 - 150

All information, illustration and specification are based on the latest product information available at the time of printing. The right is reserved to make changes at any time without notice.

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