

## Lampiran 4 Data Spesifikasi Geotekstil

# UnggulTex


POLYPROPYLENE WOVEN GEOTEXTILES

## TECHNICAL SPECIFICATIONS

PROPERTIES	UNIT	TEST METHOD	UW - 150	UW - 200	UW - 250
<b>Physical Properties</b>					
Mass	g/m <sup>2</sup>	ASTM D 5261-92	150	200	250
Thickness	mm	ASTM D 5199-91	0.5	0.6	0.7
Colour	-	-	Black	Black	Black
<b>Mechanical Properties</b>					
Strip Tensile Strength (Wrab/Weft)	kN/m	ASTM D 4595-94	37/35	42/39	52/52
Elongation at Max. Load (Wrab/Weft)	%	ASTM D 4595-94	19/18	20/20	20/20
Grap Tensile Strength (Wrab/Weft)	N	ASTM D 4632-91	1210/1200	1600/1600	1750/1750
Elongation at Max. Load (Wrab/Weft)	%	ASTM D 4632-91	14/13	22/22	22/22
Trapezoidal Tear Strength (Wrab/Weft)	N	ASTM D 4533-91	615/615	700/700	800/800
<b>Hydraulic Properties</b>					
Pore Size O <sub>95</sub>	µm	ASTM D 4751-95	320	275	250
Water Permeability	l/m <sup>2</sup> /sec	100 mm water head	28	16	7.5
<b>Environmental Properties</b>					
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
<b>Packaging</b>					
Roll Length	m	-	150 - 200	150 - 200	150 - 200
Roll Width	m	-	3 - 4	3 - 4	3 - 4
Roll Area	m <sup>2</sup>	-	640 - 760	640 - 760	640 - 760
Roll Diameter (Approx)	m	-	0.4 - 0.5	0.4 - 0.5	0.4 - 0.5
Roll Weight (Approx)	kg	-	96 - 114	128 - 152	160 - 190

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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Gambar L-4.1 Spesifikasi Geotekstil