



## TECHNICAL DATA OF WOVEN GEOTEXTILE

PROPERTIES	TEST METHOD	UNIT	PPW120	PPW150	PPW200	PPW270
<b>PHYSICAL</b>						
Fabric Weight		g/m <sup>2</sup>	120	150	200	270
Material (warp & weft)			PP	PP	PP	PP
Colour			Black	Black	Black	Black
<b>Count of Yarn Removed</b>	<b>KS K 0415</b>	Denier				
- Warp			-	-	1668.8	3371.9
- Weft			-	-	2250.9	3515.3
<b>Fabric Count</b>	<b>KS K 0511</b>	Threads/inch				
- Warp			-	-	12	9
- Weft			-	-	12	9
<b>MECHANICAL</b>						
<b>Strip Tensile Strength</b>	<b>KS K 0520</b>	N/5cm				
- Wrap direction	(50mmx180mm)		1200	1500	1996	2490
- Weft direction			900	1100	2416	2674
<b>Tensile Elongation</b>	<b>KS K 0520</b>	%				
- Wrap direction			22	19	18.1	18.6
- Weft direction			15	15	16.6	19.6
<b>Tear Strength</b>	<b>KS K 0537</b>	N				
- Wrap direction			356	508	410	641
- Weft direction			258	320	550	735
<b>Abrasion Resistance</b>	<b>KS K 0818</b>	Cycles	-	-	180	370
<b>HYDRAULIC</b>						
<b>Water permeability</b>		l/m <sup>2</sup> /sec	-	-	20	
<b>CHEMICAL</b>						
Effect of soil natural acidity or alkalinity			Nil	Nil	Nil	Nil
<b>Colorfastness to light</b>	<b>KS K 0700</b>	Class	4	4	4	4
<b>Colorfastness to Rubbing</b>	<b>KS K 0650</b>	Class				
- Dry			5	5	5	5
- Wet			5	5	5	5
<b>PACKAGING</b>						
Roll length		m	250	250	250	250
Roll width		m	3.86	3.86	3.86	3.86
Roll weight (approx)		kg	121	152	193	260

**NOTE:** The above test was conducted by KOTTI ( Korea Textile Inspection & Testing Institute)

All the values presented in this table, are averages from standard tests and are, while not guaranteed, to the best of our knowledge true and accurate. The right is reserved to make change to this data at any time without notice.