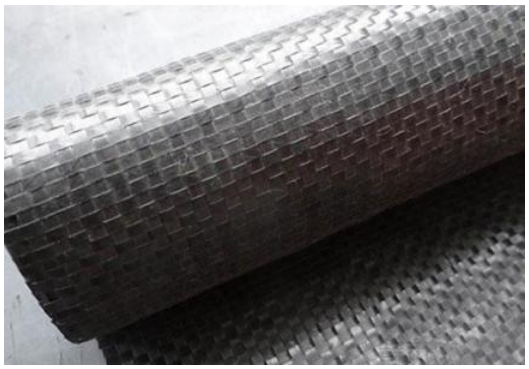
Woven Geotextile

PP woven geotextile, with polypropylene fiber as raw material, is made of two rows of parallel yarns, using different weaving machines and technology to weave the warps and wefts into textile-shape with various thickness and compactness according to usage ranges.

In general,woven geotextile is with relatively light in weight,strong tesnsile strength,smaller elongation as well as brilliant stability.

Spcification:

- Weight:60-400gsm
- Width:1-6m
- Color:black white,other colors customized.



Application Scope:

- Water conservancy project, riverbanks,dam protection, diversion irrigation,reservoir seepage and consolidation project
- Road project,soft foundation treatment,slope protection, road Surface antireflection structure layer,drainage system
- Railway project,railway foundation reinforcement,embankment
- Slope strengthen layer tunnel lining layer.

Items	20-20	40-40	80-80	100-100	140-140	160-160	180-180
Warp breaking strength ,KNM	20	40	80	100	140	160	180
Weft broken tensile,KNM	According to contract, if there is no special requirement, the data is 0.7~1 of warp strength data						
Elongation at break，%	10						
CBR,KN	1.6	3.2	6.0	7.5	10.5	12	13.5
Equivalent Aperature O90,mm	0.07~0.5						
Water permeability,l/m2/s	10						
UV resistance,%	70(500h)						
Tearing Strength,kN	0.2	0.34	0.6	0.72	0.96	1.1	1.25
Mass Per Unit, g/m2	120	200	340	400	520	580	640