PET Nonwoven Geotextiles are made of polyester fabric in random directions and punched together by needles. Taifo Geotextiles has good impermeability and resistance to deformation, which allows geotextiles be widely applied in civil projects for separation,filtration,reinforcement, protection and drainage

Function of Geotextile:

Isolation Filtration Drainage Reinforcement Puncture prevention

Application Scope:

Geotechnical engineering such as water conservancy, electric power, mines, roads and railways

Filter materials for soil separation

Drainage materials for reservoirs, mines, and drainage materials for high-rise building foundations

Anti-scouring materials for rivers, dams and slope protection

Reinforcing materials for airport running roads, reinforcemen materials for road construction in marshes

Anti-cracking materials for asphalt pavements

Datasheet

Items	150g	200g	250g	300g	350g	400g	450g	550g	600g	700g
Deviation per unit area,%	-8	-8	-8	-7	-7	-7	-7	-6	-6	-6
Thickness, mm	1.8	2.1	2.5	2.9	3.2	3.6	3.9	4.5	5.0	5.7
Tensile strength MD/CD, KN/M	7.5	10	12.5	15	17.5	20.5	22.5	26	30	35
Elongation, %	25-100									
Tear Strength, KN	0.21	0.28	0.35	0.42	0.49	0.56	0.63	0.76	0.82	0.95
CBR Puncture Strength ,KN	1.4	1.8	2.2	2.6	3.0	3.5	4.0	5.0	5.5	6.5
EOSØ90(Ø95), mm	0.07-0.2									
Vertical Permeability Coefficient cm/s	$Kx(10^{-1}\text{-}10^{-3}),K=1.0\text{-}9.9$									