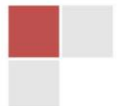


PET - مشخصات فنی ژئوتکستایل

Fabric Properties	Test method (ASTM)	Unit	Polymer Type		
			PET	PET	PET
Unit Weight	D-5261	gr / m ²	200	250	300
Thickness	D-5199	mm	1.1	1.6	2.1
Grab Tensile Strength	D-4632	N	700	820	950
Grab Elongation	D-4632	%	>50	>50	>50
Mullen Burst	D-3786	Kpa	2275	2470	3350
Trapezoidal Tear	D-4533	N	300	360	480
Puncture Strenght	D-4833	N	405	515	720
Wide Width Tensile	D-4595	KN/m	13.2	15	17.2
Melting point	D-276	°c	>240	>240	>240
UVResistance @500 hr	D-4355	%	>90	>90	>90
Apparent Opening Size	D-4751	mm	0.25	0.22	0.21
Permitivity	D- 4491	Sec ⁻¹	2.3	2.1	1.8
Permeability	D-4491	Cm/sec	0.21	0.22	0.22
Flow Rate	D- 4491	L/ m ² /sec	115	100	90



مشخصات فنی - ژئوممبران HDPE

Tested Property	Test method (ASTM)	Unit	Value			
			HDPE	HDPE	HDPE	
Thickness	D-5199	mm	1	1.5	2	
Density	D-792	gr / m ³	0.945	0.943	0.941	
Tensile Strength	D-6693	KN / m	30	40	29	
Elongation at break	D-6693	%	700	700	700	
Yield Strength	D-6693	KN / m	25	22	55	
Yield Elongation	D-6693	%	12	12	12	
Tear Strength	TD	D-1004	N	150	220	280
	MD	D-1004	N	140	200	260
Puncture Strength	D-4833	N	400	550	670	
Carbon Content	D-1603	%	2.2	2.2	2.4	

✓ MD: در جهت خطی اکستروژن

✓ TD: عمود بر جهت خطی اکستروژن

