

Wholesale High Quality&Factory Price&Low Cost Textured Geomembrane From Textured Geomembrane For Sale

Taidong is a professional low cost textured geomembrane manufacturers, supply factory price&high quality textured geomembrane, welcome to consult wholesale textured geomembrane for sale.

Textured HDPE geomembrane has excellent temperature adaptability, weldability, weather ability, and good aging resistance, chemical corrosion resistance, environmental stress cracking resistance and puncture resistance. Therefore, it is especially suitable for underground projects, mining projects, landfills, sewage or waste residue treatment sites as leakproof materials.

Textured HDPE geomembrane is a new type of anti-seepage material. High quality textured geomembrane with the single and double textured surface can increase friction coefficient and anti-skid function. It is more suitable for steep slope and vertical anti-seepage and improves engineering stability.

There are two different types of textured HDPE, normal textured and pointed textured.

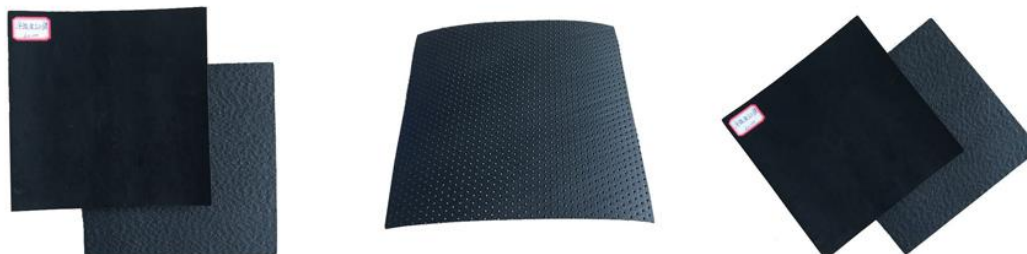
Features of Textured Geomembrane

Textured HDPE geomembrane, pointed textured, the high quality textured geomembrane surface point is rolled by a special model, the point distribution is uniform, beautiful, improve the friction coefficient, and the front and back sides of the film surface can be made of different materials, different colors of hot melt into one, in the engineering application, can be based on geological conditions, engineering requirements of the product front and back. Products of the production process in retain the original resin itself has excellent mechanical properties and good elongation and stable chemical performance, on the basis of function by adding a certain proportion of processed by melting, extrusion, rolling, drawing, reasonable control of the process is further enhanced products such as tensile, abrasion resistance, durability performance, ratio of functional additives added fusion, make products to be resistant to acid and alkali, microbial and chemical erosion features to further improve the mechanical properties of the product than the same general process of rough antiskid low cost textured geomembrane nearly three times higher.

Normal low cost textured geomembrane, produced by blow modeling, the textured surface increases friction coefficient and anti-slip function, which are more suitable for steep slope and vertical anti-seepage and improve engineering stability.

1. Long life, anti-aging, roof material can be more than 30 years, underground can be more than 50 years.
2. Good tensile strength, high elongation.
3. Good high/low-temperature flexibility

4. Easy to construct, no pollution.
5. The good anti-corrosive ability can be used in the special area
6. Various colors are available
7. Skid proof



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Parameters of Textured Geomembrane

Double textured HDPE Geomembrane

No.	Test item	Technical data					
	Thickness (mm)	1.00	1.25	1.50	2.00	2.50	3.00
	Texture height (mm)	0.25	0.25	0.25	0.25	0.25	0.25
1	Density g/m ²	0.94	0.94	0.94	0.94	0.94	0.94
2	Tensile Yield Strength (MD&TD) (N/mm)	≥15	≥18	≥22	≥29	≥37	≥44
3	Tensile Breaking Strength (MD&TD) (N/mm)	≥10	≥13	≥16	≥21	≥26	≥32
4	Elongation at yield (MD&TD) (%)	12	12	12	12	12	12
5	Elongation at break (MD&TD) (%)	100	100	100	100	100	100
6	Tear Resistance (MD&TD) (N)	≥125	≥156	≥187	≥249	≥311	≥374
7	Puncture Strength (N)	≥267	≥333	≥400	≥534	≥667	≥800
8	Tensile load stress cracking (Constant load tensile method of incision)	300	300	300	300	300	300
9	Carbon Black Content (%)	2.0-3.0	2.0-3.0	2.0-3.0	2.0-3.0	2.0-3.0	2.0-3.0
11	Oxidative Induction Time (min)	Atmospheric oxidative induction time ≥100					
		High pressure oxidative induction time ≥400					
12	85°C heat aging (Atmospheric OIT retention after 90d) (%)	55%	55%	55%	55%	55%	55%
13	UV protection (OIT retention rate after 1600 h uvirradiating)	50%	50%	50%	50%	50%	50%

Application of Textured Geomembrane

Especially suitable for underground projects, mining projects, landfills, sewage or waste residue treatment sites as leakproof materials.

1. Environmental protection and sanitation (e.g. landfill, sewage treatment, poisonous and

harmful substance treatment plant, dangerous goods warehouse, industrial waste, construction, and blasting waste, etc.)

2. Water Conservancy (such as seepage prevention, leak plugging, reinforcement, seepage prevention vertical core wall of canals, slope protection, etc.)

3. Municipal works (subway, underground works of buildings and roof cisterns, seepage prevention of roof gardens, the lining of sewage pipes, etc.)

4. Garden (artificial lake, pond, golf course pond bottom lining, slope protection, etc.)

5. Petrochemical (chemical plant, refinery, gas station tank seepage control, chemical reaction tank, sedimentation tank lining, secondary lining, etc.)

6. Mining industry (bottom lining impermeability of washing pond, heap leaching pond, ash yard, dissolution pond, sedimentation pond, heap yard, tailings pond, etc.)

7. Agriculture (seepage control of reservoirs, drinking ponds, storage ponds, and irrigation systems)

8. Aquaculture (lining of the fish pond, shrimp pond, slope protection of sea cucumber circle, etc.)

9. Salt Industry (salt crystallization pool, brine pool cover, salt textured geomembrane for sale, salt pool geomembrane)

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