



德州锦旺土工材料有限公司

Dezhou JinWang geotechnical material co., LTD

德州锦旺土工材料有限公司
Dezhou JinWang geotechnical material co., LTD
地址：山东省德州市陵城区经济开发区桃源街南首

锦·旺

因为专注 所以专业

Because the focus so professional

商者無域
相融共生

商者无域 相融共生 携手锦旺 共创辉煌

Distributors are no domain harmony symbiosis
Brocade prosperous hand in hand Create brilliant

关于锦旺
About Jinwang

德州锦旺土工材料有限公司是以新型复合土工材料的生产制造为主，集科研开发、防渗设计、技术咨询、施工服务于一体的科技型之一。位于山东德州陵城区，地理位置优越，交通运输十分便捷。

公司产品有 HDPE 土工膜、防渗土工膜、长丝土工布、膨润土防水毯、钢塑土工格栅、复合土工膜、土工布、长丝复合膜、（短）丝无纺布、PE/PVC/EVA/ECB 防水板、GCL 钠基膨润土防水毯、排水网、排水板、三维固土网垫、土工格室、土工网、建筑防水卷材、软式透水管、盲沟、橡胶支座、止水带、止水条、PE/PVC 管材等土工合成材料。主要设备由德国、意大利、英国及中国台湾引进，工艺技术先进。公司所有产品均采用国际标准组织生产，检测仪器精密，检测手段齐全。

公司先后通过了 ISO9001 国际质量体系认证，IS014000 环境体系认证，获得“绿色环保建材产品”、“消费者无投诉”、“中国著名品牌”、“省级守合同重信用企业”、“高新技术产业”、“质量服务双优单位”等多项荣誉。公司组建了一批技术精湛、经验丰富的技术和市场服务团队，工程师和销售、技术人员均拥有丰富的从业经验，产品在各省市重点工程中大批量应用。产品广泛用于公路、铁路、桥梁隧道、库渠水利、人工湖、环保、航空、矿产、农业等各个领域。公司具有特种专业防渗施工资质，施工焊接设备由美国、法国引进。技术力量雄厚、施工经验丰富，具有承揽各种高难防渗工程的实力。做到了施工现场管理规范化，防渗材料标准化，施工队伍专业化，工程售后服务一体化。

德州锦旺土工材料有限公司以“创新带发展、质量求生存、管理促效益、诚信引客户”为企业理念，秉承“商者无域，相融共生”的经营理念和“精益求精、追求卓越”的生产理念，不断提高核心竞争力，全力打造“锦旺”品牌。

德州锦旺土工材料有限公司竭诚为您提供优质的产品和一流的服务！

About Jinwang

Dezhou Jinwang geosynthetics Co. , Ltd. is one of the most advanced geosynthetics, which integrates research and development, anti-seepage design, technical consultation and construction service. Is located in Shandong Dezhou Lingcheng district, the geographical position is superior, the transportation is very convenient.

The company's products are HDPE Geomembrane, impermeable Geomembrane, geotextile, bentonite waterproof blanket, steel plastic geogrid, composite geomembrane, geotextile cloth, filament composite membrane, (short) Silk non-woven fabric, PE/PVC/EVA/ECB waterproof plate, GCL Sodium Bentonite waterproof blanket, drainage net, drainage plate, three-dimensional earth-fixing Mat, geocell, geotextile net, building waterproof roll, soft permeable pipe, blind ditch, rubber bearing, water stop strip, PE/PVC pipe and other geosynthetic materials. The main equipment from Germany, Italy, the United Kingdom and Taiwan introduced advanced technology. All the company's products are produced by the international standards organization, testing instruments precision, testing means complete.

The company has passed ISO9001 International Quality System certification, IS014000 environmental system certification, "Green Building Materials Products", "No complaints from consumers", "China's famous brand", "provincial contract and credit enterprises", "high-tech industries", "quality and Service Double Unit" and other honors. The company has set up a group of skilled and experienced technical and marketing service team, engineers and sales, technical personnel have rich experience in the industry, products in the provinces and cities in the key projects in large quantities. Products are widely used in roads, railways, bridges and tunnels, reservoirs and canals water conservancy, artificial lakes, environmental protection, aviation, mining, agriculture and other fields. Companies with special professional anti-seepage construction qualification, construction welding equipment from the United States, France to introduce. Strong technical force, rich construction experience, with a variety of high-difficult anti-seepage project strength. The construction site management standardization, anti-seepage material standardization, construction team specialization, after-sales service integration.

Dezhou Jinwang Geosynthetics Co. , Ltd. Takes "innovation with development, quality to survive, management to promote efficiency, integrity to guide customers" as its business philosophy, adhering to the "business is no domain, integration and symbiosis" business philosophy and "excellence, the pursuit of excellence, " the production philosophy, continue to improve the core competitiveness, to create "Jinwang" brand.

Dezhou Jinwang geosynthetics Co. , Ltd. wholeheartedly to provide you with quality products and First-class Service!

企业资质


营业执照


商标注册证


开户许可证


环境管理体系认证证书


职业健康安全管理体系认证证书


质量管理体系认证证书


全国工业产品生产许可证


会员证书


Environmental Management System Certification


Occupational Health & Safety Management System Certification

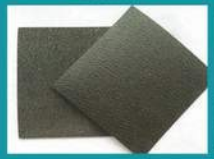

Quality Management System Certification

部分产品展示
PRODUCT SHOW


防水板
Waterproof board


土工膜
Geomembrane


双光面土工膜
Double Smooth Geomembrane


糙面HDPE土工膜
Rough-surface HDPE geomembrane

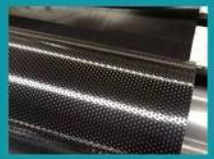

短丝土工布
Short fiber geotextile


长丝纺粘针刺非织造土工布
Filament spunbonded nonwoven geotextile


复合土工膜
Composite geombrane


三维复合排水网
Three dimensional composite drainage net


膨润土防水毯
Bentonite waterproof blanket

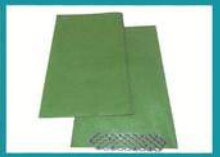

柱点防水板
Pillar Point Board


排水板
Water drain board


钢塑土工格栅
Steel-plastic geogrid


单向拉伸土工格栅
Uniaxial geogrid

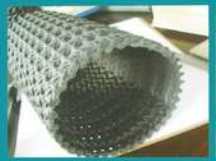

双向拉伸土工格栅
Biaxial geogrid


生态袋
Ecological bag


防草布
Tarpaulin


HDPE双壁波纹管
HDPE double wall corrugated pipe


塑料盲沟
Plastic blind drain


硬式透水管
Hard water pipe


植草格
Grass Trellis


防汛编织袋
Woven bag for flood prevention


塑料扁丝编织土布
Woven clay cloth of plastic flat silk


半圆管
Semicircle pipe


软式透水管
Soft permeable pipe

工程案例
ENGINEERING CASE











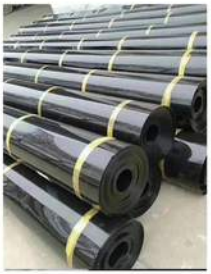








土工膜系列
Geomembrane series



功能
防渗、隔离
用途
- 垃圾填埋场、污水或废渣处理场防渗；
- 江堤、湖坝、尾矿坝、污水坝及库区、渠道、蓄液池（坑、矿）；
- 地铁、地下室和隧道、涵洞防渗衬砌；
- 路基及其它地基盐渍防渗；
- 堤、坝前水平防渗铺盖，地基垂直防渗层、施工围堰、废料场；
- 海水、淡水养殖场；
- 公路、高速公路、铁路的地基；膨胀土和湿陷性黄土的防水层；
- 屋面防渗。

产品种类
包括LDPE土工膜、LLDPE土工膜、HDPE土工膜、EVA土工膜、ECB土工膜、PVC土工膜、糙面土工膜等

Function:
Antiseepage and separation
Application
- Prevent leakage disposal in waste burying field or waste water or waste dregs disposing field.
- River bank,lake dam,mine remanings,reservoir,tunnel,liquid storage pool(pit,mine)
- Anti—leakage in subway,basement,tunnel
- Anti—leakagein roadbedand other groudsill.

The horizontal direction laying of dam,the vertical direction laying for groudsill,used in the construe–tion fence and
waste material field.
Used in seawater of freshwater feed field.
Used in groundsill of road,highway,railway and waterproof layer of swelling clay and wet colla –psed loess.
Preventing leakage on rooftop
Category
Geomembrane including LDPE,LLDPE geomembrane,HDPE geomembrane,EVA geomembrane, ECB geomembrane, PVC geomembrane, Geomembrane with textured surface.

LLDPE 土工膜技术指标　LLDPE Geomembrane Technical Data

项目 Ltem	指标 Value
厚度 Thickness mm	0.2~3
宽度 Width m	2.5~9 m
拉伸强度（纵横）Tensile Strength(TD/MD) MPa	≥16
断裂伸长率（纵横）Elongation at Break (TD/MD)%	≥700
直角撕裂强度 Strength at Tear(Right-angle Tear) N/mm	≥60
水蒸汽渗透系数 Permeability Coefficient of Vappour(g.cm/cm .s.pa)^2	< 1.0x 10^{-13}
使用温度范围 The range of Temperature	+ 70℃ ~-70℃

光面土工膜技术指标（GB/T 17643-1998）
Smooth Geomembrane Specifications(GB/T 17643-1998)

项目 Ltem	指标 Value			
	GL		GH	
	GL–1	GL–2	GH–1	GH–2
拉伸强度MPa Tensile strengh	≥14		≥17	≥25
断裂伸长率 % Elongation	≥400		≥450	≥550
直角撕裂强度 N/mm Ringht angle tear strength	≥50		≥80	≥110
炭黑含量% Carbon Black Content	≥2			
耐环境应力开裂F20 /h Environment stress cracking F20	—	—	—	≥1500
200℃时氧化诱导时间 min Oxidation induction time at200℃	—	—	—	≥20
水蒸气渗透系数g · cm/(cm^2 · s · Pa) Wate vapor permeability	≤1.0X10^{-16}			
–70℃低温冲击脆化性能 –70℃ Embrittlement of lowtemperature impact	通过（Pass）			
尺寸稳定性 % Dimensional Stability	±3.0			

EVA 土工膜技术指标　EVA Geomembrane Technical Data

项目 Ltem	指标 Value
厚度 Thickness mm	0.2~4
宽度 Width m	2.5~8
拉伸强度（纵横） Tensile Strength(TD/MD) Mpa	≥16
断裂伸长率（纵横） Elongation at Break (TD/MD)%	≥550
直角撕裂强度 Strength at Tear(Right–angle Tear) kN/mm	≥100
水蒸汽渗透系数 Permeability Coefficient of Vappour(g · cm/cm^3s · pa)	< 1.0x 10^{-13}
使用温度范围 The range of Temperature	+70℃ ~ –70℃

低密度聚乙烯土工膜（GL-1型）技术指标（GB/T 17643-2011）
LDPE Geomembrane(GL-1)Technical Data(GB/T 17643-2011)

项目 Ltem	指标 Value								
厚度 Thickness mm	0.30	0.50	0.75	1.00	1.25	1.50	2.00	2.50	3.00
密度 Density g/cm³	≤0.939								
拉伸断裂强度（纵、横向）N/mm Tensile fracture strength(TD/MD)	≥6	≥9	≥14	≥19	≥23	≥28	≥37	≥47	≥56
断裂伸长率（纵、横向）% Elongation (TD/MD)	≥560								
直角撕裂负荷（纵、横向）N Angle Tear Load (TD/MD)	≥27	≥45	≥63	≥90	≥108	≥135	≥180	≥225	≥270
抗穿刺强度 N Puncture Strength	≥52	≥84	≥135	≥175	≥220	≥260	≥350	≥435	≥525
炭黑含量 % Carbon Black Content	2.0~3.0								
炭黑分散性 Garbon Black Dispersion	10个数据中3级不多于1个，4级、5级不允许								
常压氧化诱导时间(OIT) min Oxidation Induction Time	≥60								
低温冲击脆化性能 Embrittlement Temperature Impact Performance	通过								
水蒸气渗透系数g·cm/(cm²·s·Pa) Water vapor permeability coefficient	$\leq 1.0X10^{-13}$								
尺寸稳定性% Dimensional Stability	±2.0								

注：表中没有列出厚度规格的技术性能指标要求按照插法执行。
炭黑含量、炭黑分散性两项指标只适用于黑色土工膜。

普通高密度聚乙烯土工膜（GH-1型）技术指标（GB/T 17643-2011）
Ordinary HDPE Geomembrane(GH-1)Technical Data(GB/T 17643-2011)

项目 Ltem	指标 Value								
厚度 Thickness mm	0.30	0.50	0.75	1.00	1.25	1.50	2.00	2.50	3.00
拉伸屈服强度（纵、横向）N/mm Tensile yield strength(TD/MD)	≥4	≥7	≥10	≥13	≥16	≥20	≥26	≥33	≥40
拉伸断裂强度（纵、横向）N/mm Tensile Strength at Break(TD/MD)	≥6	≥10	≥15	≥20	≥25	≥30	≥40	≥50	≥60
屈服伸长率（纵、横向）% Elongation at Yield (TD/MD)	—	—	—	≥11					
断裂伸长率（纵、横向）% Elongation (TD/MD)	≥600								
直角撕裂负荷（纵、横向）N Angle Tear Load (TD/MD)	≥34	≥56	≥84	≥115	≥140	≥170	≥225	≥280	≥340
抗穿刺强度 N Puncture Strength	≥72	≥120	≥180	≥240	≥300	≥360	≥480	≥600	≥720
炭黑含量 % Carbon Black Content	2.0~3.0								
炭黑分散性 Garbon Black Dispersion	10个数据中3级不多于1个，4级、5级不允许								
常压氧化诱导时间(OIT) min Oxidation Induction Time	≥60								
低温冲击脆化性能 Embrittlement Temperature Impact Performance	通过								
水蒸气渗透系数g·cm/(cm²·s·Pa) Water vapor permeability coefficient	$\leq 1.0X10^{-13}$								
尺寸稳定性% Dimensional Stability	±2.0								

注：表中没有列出厚度规格的技术性能指标要求按照插法执行。

（光面）环保Ⅱ用高密度聚乙稀HDPE土工膜指标（GH-2S型）技术指标（GB/T17643-2011）

(smooth)environmental protection Ⅱ with high density polyethylene geomembrane HDPE index(type GH-2S) Data(GB/T17643-2011)

项目 Ltem	指标 Value						
厚度 Thickness mm	0.75	1.00	1.25	1.50	2.00	2.50	3.00
密度 Density g/cm³	≥0.940						
拉伸屈服强度（纵、横向）N/mm Tensile yield strength(TD/MD)	≥11	≥15	≥18	≥22	≥29	≥37	≥44
拉伸断裂强度（纵、横向）N/mm Tensile Strength at Break(TD/MD)	≥20	≥27	≥33	≥40	≥53	≥67	≥80
屈服伸长率（纵、横向）% Elongation at Yield (TD/MD)	≥12						
断裂伸长率（纵、横向）% Elongation (TD/MD)	≥700						
直角撕裂负荷（纵、横向）N Angle Tear Load (TD/MD)	≥93	≥125	≥160	≥190	≥250	≥315	≥375
抗穿刺强度 N Puncture Strength	≥240	≥320	≥400	≥480	≥640	≥800	≥960
拉伸负荷应力开裂（切口恒载拉伸法）h Tensile Load Stress Cracking	—	≥300					
炭黑含量 % Carbon Black Content	2.0~3.0						
炭黑分散性 Garbon Black Dispersion	10个数据中3级不多于1个，4级、5级不允许						
氧化诱导时间(OIT) min Oxidation Induction Time	常压氧化诱导时间≥100						
	高压氧化诱导时间≥400						
85℃热老化（90d后常压OIT保留率）% 85℃ Thermal Aging	≥55						
抗紫外线（紫外线照射1600h后OIT保留率）% UV~	≥50						

注：表中没有列出厚度规格的技术性能指标要求按照插法执行。
氧化诱导时间、抗紫外线两项指标的常压OIT（保留率）和高压OIT（保留率）可任选其一测试。

垃圾填埋场用光面土工膜技术指标（CJ/T 234-2006）

Landfill geomembrane eith smooth surface Specifications(CJ/T 234—2006)

项目 Ltem	指标 Value						
	0.75	1.00	1.25	1.50	2.00	2.50	3.00
最小密度(g/cm³) Minimum density	0.939						
拉伸性能 Tensile Properties							
屈服强度（应力）（N/mm) Yield strength	11	15	18	22	29	37	44
断裂强度（应力）（N/mm) Breaking strength	20	27	33	40	53	67	80
屈服伸长率 % Yield elongation	12						
断裂伸长率% Elongation	700						
直角撕裂强度 N Right angle tear strength	93	125	156	187	249	311	374
穿刺强度 N Puncture Strength	240	320	400	480	640	800	960
耐环境应力开裂（单点切口恒载拉伸法）h Environmental stress cracking (single incision constant load stretching)	300						
炭黑 Carbon Black							
炭黑含量［范围］% Carbon Black Content(range)	2.0~3.0						
炭黑分散度 Carbon Black Dispersion	10个观察区域中的9个应属于第一级或第二级，属于第三级的不应多于1次						
氧化诱导时间(OIT) Oxidation Induction Time							
标准OIT min Standard OIT	100						
高压OIT min High Pressure OIT	400						
8℃烘箱老化（最小平均值） 85℃ oven aging(minimum average)							
烘烤90d后，标准OIT的保留 % Baking 90d，the standard OIT reservation	55						
烘烤90d后，标准OIT的保留 % Baking 90d，the standard OIT reservation	80						
抗紫外线强度 UV intensity							
紫外线照射1600h后，标准OIT的保留% After UV irradiation 1600h,standard OIT reservations	50						
紫外线照射1600h后，高压OIT的保留 % 1600h after ultraviolet irradiation, high pressure OIT trservations	50						
-70℃低温冲击脆化性能 -70℃ Embrittlement of lowtemperature impact	通过（Pass）						
水蒸气渗透系数g·cm/(cm²·s·Pa) Water vapor permeability	≤1.0X10⁻¹³						
尺寸稳定性 % Dimensional Stability	±2						