

DRAINAGE NET DGN Series

Drainage net (DGN Series) is made of high-density polyethylene and processed by special extrusion molding process. It has a special structure of three layers and is a new type of drainage geotechnical material. In the transportation infrastructure such as railways and highways, the safety and service life of the project are inseparable from the drainage system of the project. Geosynthetic materials are an important part of the drainage system. The product has the characteristics of strong drainage, high tensile strength, corrosion resistance, acid and alkali resistance and long service life.

Product Specifications

ITEM	UNIT	NOMINAL VALUE				
		DGN1200	DGN1400	DGN1600	DGN1800	DGN2000
Unit Mass	g/m ²	≥1200	≥1400	≥1600	≥1800	≥2000
Thickness	mm	≥6.0	≥7.0	≥8.0	≥9.0	≥10.0
Longitudinal Tensile Strength	KN/m	≥16.0				
Water Diversion Ration	m ² /s	≥1.2×10 ⁻⁴				
Peel Strength Of Network Core And Geotextile	KN/m	≥0.3				
Thickness of Network Core	mm	≥5.0	≥5.0	≥6.0	≥7.0	≥8.0
Tensile Strength Of Network Core	KN/m	≥13.0	≥15.0	≥15.0	≥15.0	≥15.0
Unit Mass Of Geotextile	g/m ²	≥200				
Seepage Coefficient Of Geotextile	cm/s	≥0.3				
Roll Width	m	2.1				
Roll Length	m	30				

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