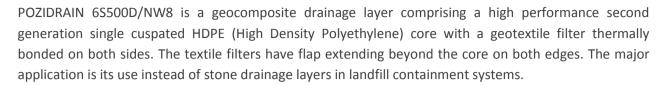
Pozidrain 65500D/NW8



Geocomposite Properties							
Thickness at 2kPa	(mm)	7.4			±10%	EN ISO 9863-1	
Mass per unit area	(g/m²)	1 040			approx	EN ISO 9864	
Tensile strength MD / CMD	(kN/m)	25 / 19			-10%	EN ISO 10319	
Elongation at peak MD / CMD	(%)	45 / 45			nominal	EN ISO 10319	
CBR puncture resistance	(N)	4 000			-20%	EN ISO 12236	
Perpendicular Water Inflow	(dimple	(dimple side only)					
Water flow at 50mm head	(l/m²·s)	103			±30%	EN ISO 11058	
At 2kPa permeability (coefficient)	(m/s)	2.5 x 10 ⁻³			±30%	EN ISO 11058	
Breakthrough head	(mm)	0			nominal		
In-plane water flow MD ³		<u>HG = 1.0</u>		<u>HG = 0.1</u>		<u>Hydraulic gradient</u>	
at 20kPa confining pressure	(l/m·s)	1.35	±0.25	0.44	±0.11	EN ISO 12958	
at 100kPa confining pressure	(l/m·s)	1.25	±0.32	0.35	±0.09	EN ISO 12958	
at 200kPa confining pressure	(l/m·s)	1.00	±0.26	0.25	±0.06	EN ISO 12958	
at 500kPa confining pressure	(l/m·s)	0.53	±0.14	0.12	±0.05	EN ISO 12958	
with soft foam contact surfaces to si	mulate text	ile intrusion into	the core du	e to soil pressu	re		
Resistance to weathering		To be covered	l in 28 days			EN 12224	
Resistance to chemicals		Excellent				EN 14030	
Design life		120 years (manufacturer's declaration)					
Geotextile Properties							
Thickness at 2kPa	(mm)	1.2			±20%	EN ISO 9863-1	
Tensile strength MD/CMD	(kN/m)	9.5 / 9.5			-13%	EN ISO 10319	
Pore size 0 ₉₀	(µm)	120			±30%	EN ISO 12956	
CBR puncture resistance	(N)	1600			-20%	EN ISO 12236	
Dynamic perforation cone drop	(mm)	32			+20%	EN ISO 13433	
Type and material	Non-wo	Non-woven needle-punched and heat-treated long staple fibre polypropylene					
Product Dimensions							
Standard roll dimensions	4.4 x 80	4.4 x 80 m. Other sizes on request.					

Notes

1. The values given are indicative and correspond to nominal results obtained in our laboratories and testing institutes. In line with our policy of continuous improvement the right is reserved to make changes without notice at any time.

2. The tolerance on roll length is ±1.5% and on roll width is ±1.0%; in multi-core products this may manifest itself between core elements.

3. CMD flow is typically 80% of the value in the MD.

4. Guidance on interface shear strength, creep and certain other parameters is available. Site specific tests are strongly recommended.

5. Final determination of the suitability of any information is the sole responsibility of the user. ABG will be pleased to discuss the use of this or any other product but responsibility for selection of a material and its application in any specific project remains with the user

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