Declaration of Performance – GPT 3

0338
No067-DoP-2019-01-16

British Standard | Title: Geotextiles and geotextile-related products | Intended Uses
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EN 13251:2016 | Characteristics required for use in earthworks, foundations and retaining structures | F, F + S
EN 13252:2016 | Characteristics required for use in drainage systems | F, F + S, D
EN 13257:2016 | Characteristics required for use in solid waste disposal | F, F + S
EN 13265:2016 | Characteristics required for use in liquid waste containment projects | F

Essential Characteristics | Test Standard | Units | Performance | Confidence Limit
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Tensile strength | BS EN ISO 10319 | kN/m | MD 20 / CMD 20 | -2
Elongation at maximum load | BS EN ISO 10319 | % | MD 80 / CMD 80 | ±30
Dynamic perforation resistance | BS EN ISO 13433 | mm | 6 | ±2
Resistance to static puncture | BS EN ISO 12236 | kN | 3 | -0.3
Opening size | BS EN ISO 12956 | µm | 60 | ±30
Water permeability v_H50 | BS EN ISO 11058 | m/s | 50 · 10^{-3} | -10 · 10^{-3}
Water flow capacity in the plane | BS EN ISO 12958 | m²/s | 2.9 · 10^{-3} | -0.9 · 10^{-3}

Dangerous substances
National Regulations in force in EU Member States
- Less than required by national regulations in EU Member States
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Notes
Water flow capacity in the plane is obtained under a normal pressure of 20 KPa and hydraulic gradient of 1. It refers to a single band drain and it is normalised for an effective meter width of product.

Durability
To be covered within 1 month after installation (EN 12224).
Predicted to be durable for service lives up to 100 years in natural soils with 4 ≤ pH ≤ 9 and soil temperatures ≤ 25° C on the basis of the results of the test method EN ISO 13438 procedure A and test duration of 112 days.

System 2+: Notified factory production control certification body No. 0338 BTTG performed the initial inspection of the manufacturing plant and of factory production control (FPC) and the continuous surveillance, assessment and evaluation of FPC and issued the certificate of conformity of the FPC.

The performance of the product GPT3 is in conformity with the declared performance in the table above.
This declaration of performance is issued under the sole responsibility of the manufacturer GEOfabrics Limited.

Signed for and on behalf of GEOfabrics Limited by:

Alessandro Sartori - Technical Manager

Place and date of issue:
Leeds, West Yorkshire 16/01/2019