

Quality Product CertificationSeparation and Filtration

This product has been found to be fit for use in accordance with NorGeoSpec 2012 System for the above given function.

Certificate no.:	NGS-50161
Date:	03.02.2019
Valid until:	02.02.2021
Manufacturer:	THRACE NG
Product:	WG N2
Product Type:	GTX-W
Raw material:	РР
Function:	Separation and Filtration

Issued by

Christian Recker, SINTEF project manager

Approved by

Arnstein Watn, Head of the Technical committee

NorGeoSpec

NorGeoSpec

NorGeoSpec

NorGeoSpec

The products are regularly audited and tested to verify that the characteristics fulfil the NorGeoSpec 2012 Rev.: 01/14.12.2016 requirements. Approved by the NorGeoSpec Technical committee: 03.02.2019



Certificate no.: NGS-50161

Quality Product CertificationSeparation and Filtration

Characteristic		Standard	Unit	Declared value	Max. tolerance	Certification value
Mass per unit area		EN ISO 9864	g/m²	110	± 11	99 - 121
Mechanical tests						•
Tensile strength	MD	EN ISO 10319	kN/m	21.50	- 2.15	19.35
	CMD	EN ISO 10319	kN/m	21.50	- 2.15	19.55
Tensile strain at tensile strength	MD	EN ISO 10319	%	25.5	- 5.1	20.2
	CMD	EN ISO 10319	%	25.0	- 5.0	
Static puncture test		EN ISO 12236	KN	2.750	- 0.275	2.475
Dynamic perforation resistance		EN ISO 13433	mm	16	4	20
Energy index		NorGeoSpec 2012	kN/m	2.1	0.0	2.1
Hydraulic tests						•
Permeability normal to the plane without load		EN ISO 11058	m/s	0.007	- 0.002	0.005
Characteristic opening size		EN ISO 12956	μm	150	± 45	105 - 195
Durability (Declared value)						
Service life			years	<u> 25</u>	<u></u> 50	<u> </u>

Quality Product Certification: Separation and Filtration Application profile: 2