

# TECHNICAL DATA SHEET

**Texel**®

## TEXEL GEO-ABSORB

<b>Product</b>	Needlepunched nonwoven geotextile
<b>Composition</b>	Polypropylene <sup>(1)</sup>
<b>Main Function</b>	Environmental protection

The Texel GEO-ABSORB is a product created for oil adsorbent applications. In situations where water is present, the Texel GEO-ABSORB will retain oils while allowing water to pass through. The results of the tests carried out, on the physical, mechanical and hydraulic properties, make it possible to guide the user towards a judicious choice of environmental protection.

Property	Test Method	Oil Type	Texel Geo-Absorb
<b>Mechanical</b>			
Tensile strength	ASTM D4632	-	1 450 N
Elongation at break	ASTM D4632	-	50 – 110%
CBR puncture	ASTM D6241	-	4 000 N
UV resistance	ASTM D4355	-	50%
<b>Hydraulic</b>			
Filtration opening size (FOS)	CAN 148.1 No10	-	40 – 80 µm
<b>Oil Adsorption</b>			
Oil adsorption capacity per surface (L/m <sup>2</sup> ) <sup>(2)</sup>	ASTM F726	Light oil	3.35
		Medium oil	4.96
		Heavy oil	6.39
Ratio of oil adsorption rate by weight (g/g) <sup>(2)</sup>	ASTM F726	Light oil	5.9
		Medium oil	9.2
		Heavy oil	11.8
Ratio of oil adsorption rate depending on volume (cm <sup>3</sup> /cm <sup>3</sup> ) <sup>(2)</sup>	ASTM F726	Light oil	7.8
		Medium oil	11.7
		Heavy oil	15
Loss of performance after 5 duty cycles <sup>(2)</sup>	ASTM F726	Light oil	1.9%
		Medium oil	7.2%
		Heavy oil	7.2%
<b>Dimensions</b>			
Width <sup>(3)</sup>	-	-	3.81 m
Length	-	-	100 m

Properties are based on the Minimum Average Roll Value (MARV) except when specified otherwise.

Our quality management system is certified by ISO-9001 standard.

Our internal laboratory is certified by the Geosynthetic Accreditation Institute - Laboratory Accreditation Programm (GAI-LAP). The values entered are values obtained at the time of manufacture. Handling and storage conditions may change some properties.

1- May contain polyester / 2- Average value / 3- Standard width. Cutting and sewing service possible for different sizes. Check with customer service.

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Texel reserves the right to modify existing properties contingent on the evolution of technical knowledge. Each user is invited to verify if this document represents the most recent update. Texel offers no guarantee and assumes no responsibility regarding usage, installation and/or convenience of usage. Texel must be informed of all product nonconformity prior to installation. Responsibility is limited to replacement of non-compliant or defective product.

**ALKEGEN**