GEO SOURCE

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TECHNICAL DATA SHEET

Polypropylene Non-Woven Needle Punched Geo-Textile GST2500-T

"GEO SOURCE" GST2500-T is a UV Stabilized Needle-Punch Thermally Bonded Nonwoven Geo-Textile made from 100% Virgin Polypropylene Staple Fibre, which are Formed into a Random Network for Dimensional Stability.

GEO SOURCE is GAI-LAP, NTPEP, CE-MARKING & ISO 9001-2015 Certified Company.



POLYPROPYLENE NON-WOVEN NEEDLE PUNCHED GEO-TEXTILE GST2500-T			
PROPERTY	**TEST METHOD**	**UNIT**	**VALUE**
GSM	DIN 53854	g/m^2	500
Thickness under 0.02 bar	DIN 53855/3	mm	3.9
Thickness under 2 bar	DIN 53855/3	mm	1.9
Tensile Strength	DIN 53857/2	N/5cm	1000
Extension at Break	DIN 53857/2	%	70
Extension at Break 30% of Tensile Strength	DIN 53857/2	%	20
Static Puncture CBR	DIN 54307	N	2000
Permeability in Plane @ 0.02 bar	ASTM D 4491	cm/sec	$5*10^{-1}$
Permeability in Plane @ 2 bar	ASTM D 4491	cm/sec	$5*10^{-2}$
Resistance Against Acid & Alkaline Solutions, pH 2-13	SN 640 550 DIN 53857/2	%	10

ROLL PACKAGING	
Core	3"
Packaging	Wrapped In Black Stretch Film & Labeled For Identification

We can do OEM packaging and private labelling for bulk orders

- Above values are obtaining in our laboratory and are MARV Values (67.5 % Level of Confidence)
- There may be variation in above values due to various factors when tested at other laboratory.
- The above values may also vary if the fabric is converted in to any value added product or used in combination with other products.
- The values may also change due to transportation damages & improper storage and handling at site.
- Client shall ensure that Storage is strictly done as per ASTM standard.
- The values are not intended as warranty / guarantee and Geo Source assumes no liability in connection with this information.

ISO 9001 : 2015