GEO SOURCE
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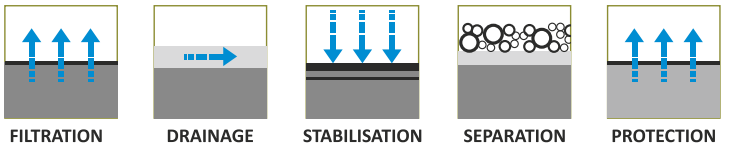
TECHNICAL DATA SHEET

Polypropylene Non-Woven Needle Punched Geo-Textile (MoRTH Products)

"GEO SOURCE" GS MoRTH 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 (MORTH PRODUCTS)					
PROPERTY	**TEST METHOD**	**UNIT**	**MoRTH (Type I)**	**MoRTH (Type II)**	**MoRTH (Type III)**
Grab Tensile Strength	ASTM D 4632	N	900	700	500
Elongation	ASTM D 4632	%	> 50	> 50	> 50
Trapezoid Tear Strength	ASTM D 4533	N	350	250	180
CBR Puncture	ASTM D 6241	N	2000	1400	1000
Index Puncture	ASTM D 4833	N	350	250	180
Burst Strength	ASTM D 3786	N	1700	1300	950
Permittivity	ASTM D 4491	Sec^{-1}	0.02	0.02	0.02
Apparent Opening Size (AOS)	ASTM D 4751	micron	600	600	600
UV Resistance @ 500 H	ASTM D 4355	%	70	70	70

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

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