

VEarth VG 140MF geotextile fabric is manufactured using high tenacity polypropylene multifilament yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position.



FILTRATION

STABILIZATION

EROSION CONTROL

TECHNICAL DATA SHEET

Properties		Unit	Test Method	VG 140 MF
Mass per unit area		GSM	ASTM D5261	140
Thickness		mm	ASTM D5199	0.4
Tensile Strength	Warp	KN/m	ASTM D4595	28
	Weft			26
Elongation at break	Warp	%		25
	Weft			25
Trapezoid Tear Strength	Warp	N	ASTM D4533	300
	Weft			300
Grab Tensile Strength	Warp	N	ASTM D4632	800
	Weft			800
Apparent opening Size (O90)		μ	ASTM D4751	75
CBR Puncture strength		N	ASTM D6241	3000
Index Puncture Resistance		N	ASTM D4833	250
Water Permeability		l/m ² /s	ASTM D4491	30
UV Resistance (500 Hrs)		%	ASTM D4355	70