



GGG 270HP Woven

GGG 270HP is a woven geotextile made of 100% high tenacity polypropylene yarns which are woven into a stable network such that the yarns retain their relative position. GGG 270HP resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GGG 270HP meets or exceeds the physical property values listed below:

Property	Test Method	Unit	M.A.R.V
Wide Width Tensile	ASTM D 4595	lbs/ft	2640 x 2460
Wide Width Tensile (2% Strain)	ASTM D 4595	lbs/ft	480 x 588
Wide Width Tensile (5% Strain)	ASTM D 4595	lbs/ft	1212 x 1356
Wide Width Tensile (10% Strain)	ASTM D 4595	lbs/ft	2340 x 2412
Permeability	ASTM D 4491	cm/sec	.04
Permittivity	ASTM D 4491	sec -1	0.70
Water Flow	ASTM D 4491	gpm/sf	50
AOS	ASTM D 4751	US Std Sieve	30
UV Resistance	ASTM D 4355	%/hours	80/500hrs