



GGG 3.0 Nonwoven

GGG 3.0N is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. GGG 3.0N resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GGG 3.0N meets or exceeds the physical property values listed below:

Property	Test Method	Unit	M.A.R.V
Weight (typical)	ASTM D 5261	oz/sy	3.1
Grab Tensile	ASTM D 4632	lbs	80
Grab Elongation	ASTM D 4632	%	50
Trapezoidal Tear	ASTM D 4533	lbs	25
CBR Puncture	ASTM D 6241	lbs	210
Mullen Burst	ASTM D 3786	psi	130
Permittivity	ASTM D 4491	1/sec	2.2
Water Flow	ASTM D 4491	gpm/sf	150
AOS	ASTM D 4751	US Std Sieve	50
UV Resistance	ASTM D 4355	%/hours	70/500hrs