



## GEO 120P

GEO 120P is a nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. GEO 120P resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 120P will satisfy the requirements of FHWA 714-2 Paving Geotextile and meets the following M.A.R.V. values except where noted:

Property	Test Method	English	Metric
Weight - Typical	ASTM D-5261	4.6 oz/sy	156 g/sm
Tensile Strength	ASTM D-4632	120 lbs	534 N
Elongation @ Break	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	325 lbs	1,340 N
Trapezoidal Tear	ASTM D-4533	50 lbs	220 N
Asphalt Retention	ASTM D-4160	0.24 gal/sy	1.1 L/sm
Melting Point	ASTM D-276	300 F	149 C
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

Roll Size	Roll Diameter	Area	Weight
6.25' x 360'	13.5 in	250 sys	86 lbs
10.5' x 360'	13.5 in	420 sys	145 lbs
12.5' x 360'	13.5 in	500 sys	172 lbs
15' x 360'	13.5 in	600 sys	200 lbs

\* Historical averages (current values not available): Mullen Burst Strength ASTM D3786 is no longer recognized by ASTM D-35 on Geosynthetics as an acceptable test method. Puncture Strength ASTM D4833 is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241.

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