

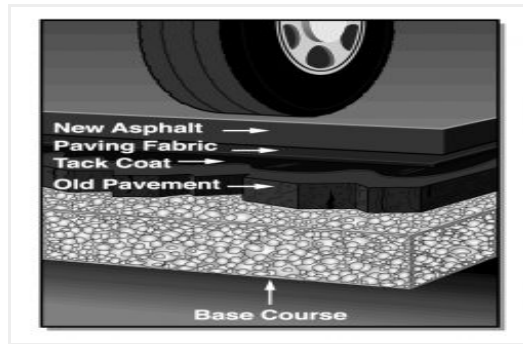
GEO 4.2-100P



GeoCHEM INCORPORATED

Nonwoven Geotextile

GEO 4.2-100P is a nonwoven needlepunched geotextile made of 100 % polypropylene staple filaments. GEO 4.2-100P resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 4.5-100P will satisfy the requirements of AASHTO M 288-06 Paving Fabric and meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	4.2 oz/sy	142 g/sm
Tensile Strength	ASTM D-4632	102 lbs	453 N
Elongation @ Break	ASTM D-4632	50%	50%
Puncture Strength*	ASTM D-4833*	60 lbs	267 N
CBR Puncture	ASTM D-6241	300 lbs	1,335 N
Trapezoidal Tear	ASTM D-4533	45 lbs	200 N
Asphalt Retention	ASTM D-4160	0.20 gal/sy	0.91 sm
Melting Point	ASTM D-276	300 F	149 C
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

ROLL SIZE	AREA	WEIGHT
6.25' x 360'	250 sys	70 lbs
10.5' x 360'	420 sys	115 lbs
12.5' x 360'	500 sys	130 lbs
15' x 360'	600 sys	150 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.

This information is provided for reference only and is not intended as a warranty or guarantee. GeoCHEM, Inc. assumes no liability in connection with the use of this information (1/2013).

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