DeWitt
DOWN TO EARTH PROTECTION

Product Specification Sheet

DNG105 Series Non-Woven Geotextile

DeWitt DNG105 is a 4 oz needlepunched non-woven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. The fabric resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids.

Properties	Test Method	Unit	Minimum Average Roll Value
Weight	ASTM D 5261	OZ/YD^2 ($G/M^{2)}$	4.0 (136)
Grab Tensile	ASTM D 4632	LBS	100
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	LBS	50
CBR Puncture Resistance	ASTM D 6241	LBS	300
Permittivity*	ASTM D 4491	SEC^{-1}	2
Water Flow*	ASTM D 4491	GPM/FT^2	140
AOS*	ASTM D 4751	US SIEVE	70
UV Resistance	ASTM D 4355	%/HRS	70/500

Primary Application : Soil Separation

*At the time of manufacturing. Handling may change these properties

Date: 06/01/23. This data sheet supersedes all previously issued data.
The above properties are typical averages.

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