



AGRUTEX 281

Polypropylene Geotextile

Agrutex 281 is a polypropylene, staple fiber, needlepunched nonwoven geotextile. The fibers are needed to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

Agrutex 281 conforms to the property values listed below.¹ Agru America's Laboratories are accredited by the Geosynthetic Accreditation Institute's Laboratory Accreditation Program (GAI-LAP) and the American Association of State Highway Transportation Officials' National Transportation Product Evaluation Program (NTPEP).

PROPERTY	TEST METHOD	MARV	
		ENGLISH	METRIC
Physical			
Mass/Unit Area	ASTM D-5261	28.0 oz/yd ²	950 g/m ²
Mechanical			
Tensile Strength (Grab)	ASTM D-4632	550 lbs	2448 N
Elongation	ASTM D-4632	50%	50%
Trapezoidal Tear	ASTM D-4533	250 lbs	1113 N
Endurance			
UV Resistance % Retained at 500 hrs	ASTM D-4355	70%	70%
Roll Sizes		15ft x 150ft	4.57m x 45.7m

NOTES:

1. Effective January 2015 and subject to change without notice.
2. Values established at the time of manufacturing. Handling, storage, and shipping may change these properties.
3. Apparent Opening Size, (AOS), reported as maximum average roll value.

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