



ADS 1601T ROAD SEPARATOR FABRIC (BLACK) GEOTEXTILE SPECIFICATION

Scope

This specification describes ADS 1601T Road Separator Fabric (black) geotextile.

Filter Fabric Requirements

ADS 1601T Road Separator Fabric is a needle-punched nonwoven geotextile (black color) made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS 1601T Road Separator Fabric resists ultraviolet deterioration, rotting, biological degradations, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS 1601T Road Separator Fabric conforms to the physical property values listed below:

Filter Fabric Properties

Property	Test Method	Unit	M.A.R.V. (Minimum Average Roll Value)
Weight	ASTM D5261	oz/yd ²	13.3 to 16.2
Wide Width Tensile	ISO 10319	lb/ft (kN/m)	685 (10)
Wide Width Elongation	ISO 10319	%	60
Thickness	ISO 9863-1	mils	(a) at 2 kPa:120 (b) at 20 kPa:100 (c) at 200 kPa: 40
Permeability under load	ASTM D5493	m/s	(a) 20 kPa: 0.0001
Hydraulic Conductivity	ASTM D6543	m/s	(a) at 20 kPa:0.0005 (b) at 200 kPa: 0.0002
UV Resistance	ASTM D4355	%/hrs	70 (500)

Packaging

Roll Dimensions (W x L) - ft. (m)	15 x 450 (4.8 x 137.2)
Roll Square Yards (Square Meters)	750 (627.1)
Estimated Roll Weight - lbs (kg)	750 (340.2)

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