



# Geotextile for Underground Drainage Test Result Submission

Contact Information	
Name	Telephone
Email	
Product	
Product ID	Date Sampled/Received
Geotextile for Underground Drainage Technical Data Sheet for Washington State DOT Projects	
Laboratory Name	
Laboratory Batch Number	Laboratory Number
Analyst	Date of Test

9-33.2(1) Table 1: Geotextile for Underground Drainage Strength Properties for Survivability Moderate Survivability/Nonwoven			
Geotextile Property	ASTM Test Method	Property Requirements	Product Test Results* To be Filled in by Industry
Grab Tensile Strength, in machine and x-machine direction	D4632	160 lb min.	
Grab Failure Strain, in machine and x-machine direction	D4632	≥50%	
Seam Breaking Strength	D46323	140 lb min.	
Puncture Resistance	D6241	310 lb min.	
Tear Strength, in machine and x-machine direction	D4533	50 lb min.	
Ultraviolet (UV) Radiation Stability	D4355	50% strength retained min., after 500 hours in a xenon arc device	

9-33.2(1) Table 2: Geotextile for Underground Drainage Filtration Properties Moderate Survivability/Nonwoven					
Geotextile Property	ASTM Test Method	Class A	Class B	Class C	Product Test Results* To be Filled in by Industry
AOS	D4751	No. 40 max.	No. 60 max.	No. 80 max.	
Water Permittivity	D4491	0.5 sec-1 min.	0.4 sec-1 min.	0.3 sec-1 min.	

\* All testing must be conducted using the Test Method indicated in Table 1, unless otherwise noted. All results must be presented in the same units and concentrations indicated in the Requirements column of this Table. Failure to provide results using the required Test Method and Requirements format will not be reviewed or considered. Test results must have been performed within the past two years from the date of this submission and be representative of the current product ingredients.