



SCOUT MAT™ PRODUCT TESTING
GROUND COVER TEST SUMMARY

TEST DESCRIPTION	UNITS	HIGH IMPACT
<u>ASTM Plaque Density</u> Plaque from Ground-Up Sample	g/cm ³	0.943
<u>ASTM Plaque Density</u> Compressive Strength	psi	2,843
<u>Melt Index</u> Directly from Ground Cover	g/10 min.	0.68
<u>Flammability Resistance</u> UL-94	HB Rating	passes
<u>Tensile Properties (2"/min.)</u> Tensile Yield Strength	MPa	18.7
Tensile Elongation at Yield	%	10
Tensile Strength at Break	MPa	26.6
Tensile Elongation at Break	%	877
<u>Stiffness Properties</u> Tensile Modulus (2" min.)		
at 1% Strain	MPa	940
at 2% Strain	MPa	643
Flexural Modulus (Three Point Load)		
at 1% Strain	MPa	738
at 2% Strain	MPa	629
<u>Toughness Properties</u> Notched Izod Impact	ft-lb/in	9.8
Tensile Impact	ft-lb/in ²	176.1

Spartan Composites, LLC
135 Gus Hipp Boulevard
Rockledge, FL 32955
CALL: (888) 959-6287
FAX: (601) 255-1156
www.SpartanComposites.com
www.SpartanMat.com