



October 6, 2017

LM700 Gram Coir Mat

Properties:

<i>Weight (ASTM D 5261)</i>	<i>20.6 Ounces per SY</i>
<i>Composition</i>	<i>100% Coconut Fibers, twisted strands that compose a high performance matrix</i>
<i>Tensile Strength Dry (ASTM D 4595)</i>	<i>1512 lbs MD x 1032 lbs CD</i>
<i>Maximum Elongation Dry (ASTM D 4595)</i>	<i>40% MD x 33% CD</i>
<i>Tensile Strength Wet (ASTM D 4595)</i>	<i>924 lbs MD x 684 lbs CD</i>
<i>Maximum Elongation Wet (ASTM D 4595)</i>	<i>69% MD x 34% CD</i>
<i>Flexural Rigidity (ASTM D 1388)</i>	<i>12896x8132 mg-cm</i>
<i>Open Area</i>	<i>50%</i>
<i>Thickness</i>	<i>0.35 Inch</i>
<i>Water Absorption (ASTM D 1117)</i>	<i>146%</i>
<i>Light Penetration (ASTM D 6567)</i>	<i>33%</i>
<i>Recommended Slope</i>	<i>>1:1</i>
<i>Recommended Flow</i>	<i>12 (fps) ft/sec</i>
<i>Recommended Shear Stress</i>	<i>4.5 (lbs/sq. ft)</i>
<i>"C" Factor</i>	<i>0.002</i>
<i>Life Expectancy</i>	<i>3-5 Years</i>

The coir fiber blankets are made from hand from the highest quality coir available on the market. The coir fiber is twisted into a high strength rope and then woven into the matting. L&M Supply Co. certifies this product to be free from defects and to meet or exceed the physical properties listed above.