

G-MAX testing

Shock Absorbency is tested with the ASTM F355 method, which quantifies the impact attenuation, or force reduction, of a playing surface under the specific test conditions and measures the outcome of impacts performed under specific conditions.

G-max is the measure of the maximum acceleration or shock produced by an impact. In the ASTM test, shock absorption effectiveness is measured by how much the material decreases the G-max. The lower the G-max rating, the better the shock absorption. The higher the G-max rating, the lower the shock absorption leading to safety concerns.

We offer the following service and pricing for you field:

