Description

One of several certified honeycomb barriers, the Plascore WG13 European Side Impact Barrier is used for full-scale crash testing in the automotive safety field. The performance is intended to provide a measurement tool with sufficient precision to ensure repetitive and correlative results to reflect the protective performance of a motor vehicle with respect to occupants.

Construction

- **Lower Core** (sections 1-3) 19mm cell 5052 alloy
- **Upper Core** (sections 4-6) 19mm cell 3003 alloy
- **Base Plate** 3.0mm 5052 H32 perforated
- **Face Plates** 0.5mm 5052 H32

Crush Properties (Static)

<table>
<thead>
<tr>
<th>Section</th>
<th>Displacement (mm)</th>
<th>Force (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 &amp; 3</td>
<td>51</td>
<td>21</td>
</tr>
<tr>
<td>2</td>
<td>57</td>
<td>19</td>
</tr>
<tr>
<td>4</td>
<td>46</td>
<td>17</td>
</tr>
<tr>
<td>5 &amp; 6</td>
<td>19</td>
<td>155</td>
</tr>
</tbody>
</table>

Specifications

- **United Nations ECE R95 Amendment 3**
- **European Directive 96/27/EC**

Availability

- **Plascore Item #38587**
- Available from distribution locations worldwide.
- Includes Certificate of Conformance and Test Data.
- Paint: Grey or Blue anti-reflective paint standard. Custom paint configurations available.
- Packaging: Individual cardboard container 1600mm X 575mm X 605mm
- Packaged Weight: 22kg

Plascore, Inc., employs a quality management system that is Nadcap, AS9100, ISO 9001 and ISO 14001 certified.

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