Description

The Plascore Frontal Offset Barrier is used for full scale crash testing in the automotive safety field. Barrier performance is intended to provide a measurement tool with sufficient precision to ensure repetitive and correlative results that reflects the protective performance of a motor vehicle with respect to occupants.

Construction

- **Main Body Core**
  1.8-3/4-P-3003
- **Bumper Core**
  5.2-1/4-P-3003
- **Base Plate**
  2.0mm 5052 H32
- **Main Cladding**
  0.8mm 5052 H34
- **Bumper Cladding**
  0.8mm 5052 H34

Crush Properties

<table>
<thead>
<tr>
<th></th>
<th>Main Body Deformable Core</th>
<th>Bumper Deformable Core</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Crush Strength (KPa)</strong></td>
<td>342</td>
<td>1711</td>
</tr>
<tr>
<td><strong>Displacement (mm)</strong></td>
<td>308</td>
<td>1540</td>
</tr>
</tbody>
</table>

Specifications

- **United Nations ECE R94**
- **European Directive 96/79/EC**
- **NHTSA Lab Test Procedure**
- **Dynamic Side Impact Protection**
  TP214D Appendix C

Availability

- **Plascore Item #20670**
  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 1075mm X 825mm X 580mm
  Packaged Weight: 25kg

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

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