NHTSA Research Mobile Deformable Barrier for Frontal Oblique Crashworthiness Evaluation

Description

One of several certified honeycomb barriers, the Plascore NHTSA Oblique Mobile Deformable 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

- Front Core 1/4" cell 5052 alloy
- Rear Core 1/4" cell 3003 alloy
- Cladding Sheets - NHTSA Approved Aluminum

Crush Properties

<table>
<thead>
<tr>
<th></th>
<th>Front Deformable Core</th>
<th>Rear Deformable Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crush Strength</td>
<td>724</td>
<td>1711</td>
</tr>
<tr>
<td>Displacement</td>
<td>652</td>
<td>1540</td>
</tr>
</tbody>
</table>

Specifications

NHTSA RMDB v2015

Availability

Plascore Item #48723
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 2300mm X 1100mm X 750mm
Packaged Weight: ~200kg

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

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