TECHNICAL DATA SHEET

PMAJACK - BREIR-U - Female Thread Fitting
Terminations for braided hose

Applications:
• In combination with PMAJACK braided hoses

Features & Benefits:
• Very high impact resistance
• Suitable for round multi-pin connectors
• Offers excellent termination for braids
• Very good chemical properties

Materials:
• High-grade, specially formulated polyamide 6

Compatible with:
• PMAJACK braids

Colour:
• Black

Chemical properties:
• Please refer to www.pma.ch
  (Technical Information / Chemical Resistance)

Environmental properties:
• Free from halogens and cadmium
• RoHS and REACH compliant
## Product selection:

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Fits to PMAJACK braid size (NW)</th>
<th>Dimensions in mm (nom.)</th>
<th>Weight</th>
<th>Packing unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>F.66 C.66 L.66</td>
<td>Ø D1 Ø ID B G g H Ø D2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BREIR-U2916</td>
<td>12 - 20 12 - 25 16 - 25</td>
<td>36.2 20.5 10.5 36.5 9.0 15.0 25</td>
<td>0.7</td>
<td>50</td>
</tr>
<tr>
<td>BREIR-U3516</td>
<td>12 - 20 12 - 25 16 - 25</td>
<td>42.5 20.5 11.5 37.5 9.0 15.0 25</td>
<td>0.9</td>
<td>50</td>
</tr>
</tbody>
</table>

Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time.

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### Mechanical Properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test parameters</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile modulus</td>
<td>1'200 ... 3'700 N/mm²</td>
<td></td>
<td>ISO 527</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>45 ... 65 N/mm²</td>
<td></td>
<td>ISO 527</td>
</tr>
<tr>
<td>Notched bar impact test</td>
<td>4 ... 20 kJ/m²</td>
<td></td>
<td>ISO 180/1C</td>
</tr>
</tbody>
</table>

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### Thermal properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test parameters</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous application temperature</td>
<td>- 40 ... + 105 °C</td>
<td></td>
<td>PMA DO 9.21-4510</td>
</tr>
<tr>
<td>Upper application temperature</td>
<td>+ 120°C</td>
<td>(20'000 h)</td>
<td>PMA DO 9.21-4360</td>
</tr>
<tr>
<td>Short-term</td>
<td>+ 160 °C</td>
<td>(168 h)</td>
<td>PMA DO 9.21-4360</td>
</tr>
</tbody>
</table>

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### Content of delivery:

- Female thread adapter

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