SCF (Super Clean Foam)

SCF600

Outline

SCF600 is polypropylene foam material, which can be used as dust-proof, buffer, shock absorber, and light shield material.

This application is mainly for display gasket of electric appliances, communication equipments and other electronic equipments.

Construction

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SCF600

Polypropylene foam

Features

- The environment impact material is not used.
- Easy to compress.
- Thanks to its low compression stress, it will not deform the structures after application.
- It shows excellent conformability to gaps with bumps or curved surfaces.
- It has almost no impurities, which might contaminate the equipments

Application

- Electric appliances, electronic equipments: Dust-proof display gasket and lens buffer for PC, digital camera and digital video recorder.
- Communication equipment: Dust-proof display gasket and camera lens buffer for mobile phone.
Standard Size

<table>
<thead>
<tr>
<th>Thickness(mm)</th>
<th>Width(mm)</th>
<th>Length(m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5 ~ 1.0</td>
<td>500</td>
<td>100</td>
</tr>
</tbody>
</table>

Received in unit of 0.1mm

Properties

(1) General Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>g/cm³</td>
<td>0.05</td>
</tr>
<tr>
<td>50% Compression Load</td>
<td>N/cm²</td>
<td>1.0</td>
</tr>
</tbody>
</table>

(2) Compression Ratio vs. Compression Load

- Compression speed : 10mm/min
- Keep compression condition for 10 sec and measure compression load.
Precautions

- Place the products longitudinally to avoid deformation.
- Keep the products away from high temperatures and humidity, and store them in a dark and cool place without direct sun light.
- Make sure the products if they are capable of your application yourself.