DuPont™ Keldax® 6705B

Keldax® resins Product Data Sheet

### Description

**Product Description**
DuPont™ Keldax® 6705B is a filled thermoplastic ethylene copolymer that provides acoustical sound barrier performance in automotive, construction, and industrial applications.

### Restrictions

**Material Status**
- Commercial: Active

**Availability**
- North America

### Typical Characteristics

**Uses**
- Acoustic Barrier
- Automotive Applications
- Construction Applications
- Industrial Applications

### Typical Properties

<table>
<thead>
<tr>
<th>Type</th>
<th>Nominal Values</th>
<th>Test Method(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Density ()</td>
<td>1.85 g/cm³</td>
<td>ASTM D792</td>
</tr>
<tr>
<td>Melt Flow Rate (190°C/2.16kg)</td>
<td>4.5 g/10 min</td>
<td>ISO 1183, ASTM D1238</td>
</tr>
<tr>
<td>Thermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting Point (DSC)</td>
<td>80°C (176°F)</td>
<td>ASTM D3418, ISO 3146</td>
</tr>
</tbody>
</table>

### Processing Information

**General**
- Maximum Processing Temperature: 185°C (365°F)

**General Processing Information**
Due to the abrasive nature of this filled polymer, the extrusion system utilized should be constructed of abrasion resistance materials.

**Cast Film / Sheet Processing**

<table>
<thead>
<tr>
<th>Zone</th>
<th>Nominal Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed Zone</td>
<td>125°C (257°F)</td>
</tr>
<tr>
<td>Second Zone</td>
<td>140°C (284°F)</td>
</tr>
<tr>
<td>Third Zone</td>
<td>155°C (311°F)</td>
</tr>
<tr>
<td>Fourth Zone</td>
<td>170°C (338°F)</td>
</tr>
</tbody>
</table>

A suggested initial temperature profile setting. Adjust temperatures as needed up or down in accordance with your particular extrusion system design, but do not exceed the maximum processing temperature listed above.
Fifth Zone 170°C (338°F)
Adapter Zone 170°C (338°F)
Die Zone 170°C (338°F)

Regulatory Information
For information on regulatory compliance within or outside of the U.S., consult your local DuPont representative.

Safety & Handling
For information on appropriate Handling & Storage of this polymeric resin, please refer to the Material Safety Data Sheet.

A Product Safety Bulletin, Material Safety Data Sheet, and/or more detailed information on extrusion processing and/or compounding of this polymeric resin for specific applications are available from your DuPont Packaging and Industrial Polymers representative.

Read and Understand the Material Safety Data Sheet (MSDS) before using this product

Regional Centres
DuPont operates in more than 70 countries. For help finding a local representative, please contact one of the following regional customer contact centers:

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This data sheet is effective as of 08/02/2011 06:43:16 PM and supersedes all previous versions.