**Product Description**
DuPont™ ME780 is a part of the DuPont suite of materials developed for In-Mold Electronic applications. ME780 is a solvent based dielectric designed to be used as a protective over-print/encapsulant.

**Product Benefits**
- Compatible with Polycarbonate
- Flexible and Thermoformable
- Resistant to UV exposure
- Good environmental durability

**Typical Physical Properties**

<table>
<thead>
<tr>
<th>Test</th>
<th>Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids, (%) @ 150°C</td>
<td>33 – 38</td>
</tr>
<tr>
<td>Viscosity, (Pa.s) [Brookfield 0.5xRVT #14 Spindle; 10 RPM @ 25°C]</td>
<td>25 – 35</td>
</tr>
<tr>
<td>Thinner DuPont™ 3610</td>
<td></td>
</tr>
<tr>
<td>Coverage (cm²/gr @ 10µm thickness)</td>
<td>370</td>
</tr>
<tr>
<td>Dried layer thickness (µm)</td>
<td>11</td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
</tbody>
</table>

This table shows anticipated typical physical properties for DuPont™ ME780 based on specific controlled experiments in our labs and are not intended to represent the product specifications, details of which are available upon request. Coverage value based on printing with a 280-030 (0.0012” wire diameter) stainless steel screen.

**Processing**

**Substrates**
Polycarbonate, surface-treated polyester

**Screen Printing Equipment**
Reel-to-reel, semi-automatic or manual

**Ink Residence Time on Screen**
< 1 Hour

**Screen Types**
Polyester, stainless steel

**Typical Drying Conditions**
Box oven: 120°C for 20 minutes in a well-ventilated oven
Reel-to-reel: 120°C for 4 minutes in a well-ventilated tunnel dryer

**Typical Layer Thickness**
11µm per layer; printed with 250-36 stainless steel screen on PC.

**Clean-Up Solvent**
Ethylene glycol diacetate
Storage and Shelf Life
Containers should be stored, tightly sealed, in a clean, stable environment at room temperature (<25°C). Shelf life of material in unopened containers is six months from date of shipment. Some settling of solids may occur and compositions should be thoroughly mixed prior to use.

Safety and Handling
For Safety and Handling information pertaining to this product, read the Safety Data Sheet (SDS).

For more information on DuPont™ ME780 or other DuPont products, please visit our website.

electronics.dupont.com

The information provided in this data sheet corresponds to our knowledge on the subject at the date of its publication. It may be subject to revision as new knowledge and experience becomes available. This information is not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. Since we cannot anticipate all variations in end-use and disposal conditions, DuPont makes no warranties and assumes no liability in connection with any use of this information. It is intended for use by persons having technical skill, at their own discretion and risk. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

CAUTION: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Medical Caution Statement," H-50102-5 and "DuPont Policy Regarding Medical Applications" H-50103-5.

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