INTRODUCTION

KRYSTALFLEX® PE900 is designed for use by glass laminators to seal the edges of multi-layer composites made from glass or glass/plastic components. It offers the following benefits:

- Provides a degree of protection to the edge of the glass laminate from chipping or other mild physical damage
- Minimizes moisture penetration between the composite layers
- Minimizes migration and potential damage from solvents contained in the caulks used to install the finished glass laminate
- Creates an aesthetically pleasing appearance on the laminate edge

KRYSTALFLEX® PE900 is currently available in a variety of standard widths. Custom-slit widths are also available upon request. Master rolls may be purchased in dimensions of 40-inches (1 m) wide by 120 - feet (36.5 m) long.

PERFORMANCE FEATURES

- Excellent hydrolysis & microbial resistance
- Good low temperature flexibility
- Enhanced UV stability
- Medium durometer
- Contains adhesion promoter

APPLICATIONS

- Large asymmetrical GCP
- Prison containment glazing
- Ballistic / blast / intrusion
- Retail kiosks
- Vehicle armoring
- Hurricane / vandal glazing

Table 1: Typical Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Key</th>
<th>DIN</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength</td>
<td>E</td>
<td>53504</td>
<td>MPa</td>
<td>35</td>
</tr>
<tr>
<td>Elongation @ break</td>
<td>E</td>
<td>53504</td>
<td>%</td>
<td>760</td>
</tr>
<tr>
<td>Average Peel Strength</td>
<td>E</td>
<td></td>
<td>psi</td>
<td>5100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ASTMD-412</td>
<td>%</td>
<td>760</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ASTMD-3167</td>
<td>pli</td>
<td>&gt;150</td>
</tr>
</tbody>
</table>

E = 0.050" extruded film cut to ASTM requirements
ASTM D-412 measurements were tested at 20 in/min.
ASTM D-3167 measurements were tested at 6 in/min.
DIN measurements were tested at 500 mm/min.
POLYMER SELECTION
Before selecting this product it is necessary that the user ensures the product performance will meet all operational and end use requirements. Having satisfied these requirements, should changes be contemplated in method of application, materials, service conditions or any other change that could affect the ultimate performance of the end product, then further tests and trials should be carried out. For assistance with particular problems and applications, please contact the HUNTSMAN TPU Technical Service Department listed below.

HEALTH & SAFETY ADVICE
Before undertaking any trials with this product it is essential that all personnel are aware of the necessary precautions that must be taken. These are detailed in the relevant Material Safety Data Sheet which will be provided by HUNTSMAN.

SUPPLY & STORAGE
KRYSTALFLEX® PE900 is supplied in the form of film with interlayer in cardboard boxes. Rolls on pallets must be stacked and aligned properly so the rolls remain suspended in the box.

KRYSTALFLEX® PE900 has a minimum expected shelf life of 12 months from the date of shipment when stored in a cool and dry place in the manufacturer's original packaging.

PHYSICAL FORM
Type: Film

The address of your nearest technical centre is:

USA
Huntsman
52 Kendall Pond Road
Derry, NH 03038 USA
Tel: +1 603 421 3500
Fax: +1 603 421 3510
Web: www.huntsman.com/tpu

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