PT1000
Urethane Potting Material for Aluminum Forms

DESCRIPTION
PT-1000 is a low viscosity, two-component polyurethane compound that cures into a hard elastomer. The cured resin has excellent physical properties. Some of its uses include casting, prototype part making and potting of electrical components. It is non-MOCA, non-TDI based compound.

WHERE TO USE
- Cast Elastomers
- Special Applications
- Encapsulation

FEATURES AND BENEFITS
- Quick Set Time – fast production
- Meter Dispensed – accurate ratio
- Zero VOC – environmentally friendly
- Safe to use—non-MOCA/TDI

PACKAGING
Drums

SHELF LIFE
Up to six months when properly stored.

STORAGE
Store this product in a clean, dry, shaded or covered environment between 75-95°F (24-35°C). Resin may separate in storage. Mix prior to use. Once opened, purge with Nitrogen before resealing.

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, Shore D, ASTM D 2240</td>
<td>40</td>
</tr>
<tr>
<td>Viscosity, cps, ASTM D 4878, Resin / ISO</td>
<td>550 / 1060</td>
</tr>
<tr>
<td>VOC, lbs/gal (g/L), ASTM D 2369</td>
<td>0</td>
</tr>
<tr>
<td>Working Time - seconds</td>
<td>30</td>
</tr>
<tr>
<td>Tack Free Time - seconds</td>
<td>35</td>
</tr>
<tr>
<td>Full Cure Time at 75°F (24°C) - days</td>
<td>7</td>
</tr>
<tr>
<td>Application Temperature</td>
<td>Ambient</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>Colors*</td>
<td>Black</td>
</tr>
</tbody>
</table>

Tekhnicl Information

*Custom colors available dependent on quantity requested

APPLICATION
General Application: Meter dispensing is recommended to produce void-free casting. Willamette Valley Company has a full line of dispensing equipment with service contracts available.

Small amounts may be mixed by hand at a ratio of 120 g Resin to 100 g ISO; mix thoroughly for 15 seconds and pour into mold. For void-free casting a meter is recommended. Contact your WVC service representative for information concerning your specific requirements.
DISCLAIMER OF WARRANTY

TEST RESULTS ARE TO BE CONSIDERED AS REPRESENTATIVE OF CURRENT PRODUCTION AND SHOULD NOT BE TREATED AS SPECIFICATIONS. WHILE ALL THE INFORMATION PRESENTED IN THIS DOCUMENT IS BELIEVED TO BE RELIABLE AND TO REPRESENT THE BEST AVAILABLE DATA ON THESE PRODUCTS, NO GUARANTEE, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS OR SUFICIENTY OF ANY INFORMATION, OR AS TO THE SUITABILITY OF ANY CHEMICAL COMPOUNDS FOR ANY PARTICULAR USE, OR THAT ANY CHEMICAL COMPOUNDS OR USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. EACH USER SHOULD CONDUCT A SUFFICIENT INVESTIGATION TO ESTABLISH THE SUITABILITY OF ANY PRODUCT FOR ITS INTENDED USE.

CLEAN-UP

All equipment and containers should be cleaned after each use with cleaning solvents.

NOTES

This product is supplied to the customer in a ready-to-use form. Addition of any substance may result in degradation of the product performance.

CONTACT INFORMATION

Please see the side bar on the front page for the Division nearest to your location.

HEALTH AND SAFETY

Before handling, you should become familiar with the Material Safety Data Sheet (MSDS) regarding the risks and safe use of this product. To obtain an MSDS please call 800-333-9826 or send an email to: msds@wilvaco.com.