

Technical Data Sheet



The Willamette Valley
Company LLC

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Partnering through
service, innovation, and
integrity

POLYQuik® PT-2000

Urethane Potting Material for Aluminum Forms

DESCRIPTION

PT-2000 is a low viscosity, fast setting, two-component polyurethane compound that cures into a hard elastomer. The cured urethane product has excellent physical properties. Some of its uses include casting, prototype part making and potting of electrical components. It is non-MOCA, no-tin, 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
- Minimal Separation - shelf stable components

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). Mix prior to use. Once opened, purge with Nitrogen before resealing.

TECHNICAL INFORMATION

| TYPICAL PROPERTIES | |
|--------------------------------------|------------|
| Mix Ratio, B:A (volume) | 2:1 |
| Hardness, Shore D, ASTM D 2240 | 25±5 |
| Viscosity, cps, ASTM D 4878, B / A | 575 / 4000 |
| Working Time - seconds | 30 |
| Tack Free Time - seconds | 35 |
| Full Cure Time at 75°F (24°C) - days | 7 |
| Color | Black |

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. Contact your WVCO service representative for information concerning your specific requirements.

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 & SAFETY

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

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LIMITED WARRANTY

THE PRODUCT IS WARRANTED AGAINST ANY DEFECT IN MATERIALS OR WORKMANSHIP. PROVIDING A CLAIM IS MADE IN WRITING WITHIN 180 DAYS AFTER THE SALE OF THE PRODUCT. THE EXCLUSIVE REMEDY FOR ANY DEFECTS IN MATERIALS OR WORKMANSHIP SHALL BE THE OBLIGATION OF THE SELLER TO REPAIR OR REPLACE ANY PRODUCT WHICH SHALL BE DETERMINED, TO THE SATISFACTION OF SELLER UPON SELLER'S EXAMINATION, TO HAVE BEEN THUS DEFECTIVE. SELLER MAKES NO EXPRESS OR IMPLIED WARRANTIES OF ANY KIND, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR ANY PARTICULAR PURPOSE OTHER THAN STATED HEREIN. THE REMEDIES PROVIDED HEREIN ARE THE EXCLUSIVE REMEDIES TO BUYER, AND SELLER SHALL NOT BE LIABLE FOR ANY LOSS, INJURY, OR DAMAGES TO PERSONS OR PROPERTY RESULTING FROM FAILURE OF THE PRODUCT OR ANY DEFECT IN THE PRODUCT SOLD HEREUNDER, OR ANY DELAY IN PERFORMANCE BY SELLER, NOR WILL SELLER BE LIABLE FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR ECONOMIC DAMAGES OF ANY KIND, OR FOR CONTRIBUTION OR INDEMNITY CLAIMS, HOWEVER CAUSED, WHETHER FOR BREACH OF WARRANTY, CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR OTHERWISE.