

## BCC Products Kwik Kast BC 8002 Urethane Casting

Category : Polymer , Thermoset , Polyurethane, TS

### Material Notes:

Kwik Kast II is an enhanced fast cast polyurethane tooling system. It has been reinvented for greater moisture resistance and improved filler suspension for easier premixing of the components. Kwik Kast II exhibits low viscosity, low odor and is color contrasted for uniform mix. It features low exotherm and minimal shrinkage. BC8002 is designed for constructing patterns, prototypes, duplications, negatives, low temperature vacuum form tools, tracing models, etc. Information provided by BCC Products, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BCC-Products-Kwik-Kast-BC-8002-Urethane-Casting.php](http://www.lookpolymers.com/polymer_BCC-Products-Kwik-Kast-BC-8002-Urethane-Casting.php)

| Physical Properties   | Metric                          | English                         | Comments                      |
|-----------------------|---------------------------------|---------------------------------|-------------------------------|
| Specific Gravity      | 1.80 - 1.90 g/cc                | 1.80 - 1.90 g/cc                |                               |
| Brookfield Viscosity  | 2250 cP<br>@Temperature 23.9 °C | 2250 cP<br>@Temperature 75.0 °F | 1 minute, #3 spindle @ 20 rpm |
| Linear Mold Shrinkage | 0.00080 cm/cm                   | 0.00080 in/in                   |                               |

| Mechanical Properties | Metric                     | English                    | Comments |
|-----------------------|----------------------------|----------------------------|----------|
| Hardness, Shore D     | 85<br>@Temperature 23.9 °C | 85<br>@Temperature 75.0 °F |          |
| Compressive Strength  | 57.2 MPa                   | 8300 psi                   |          |

| Processing Properties | Metric                                 | English                                  | Comments    |
|-----------------------|----------------------------------------|------------------------------------------|-------------|
| Cure Time             | 60.0 - 120 min<br>@Temperature 24.0 °C | 1.00 - 2.00 hour<br>@Temperature 75.2 °F | demold time |
| Pot Life              | 5.0 min<br>@Temperature 24.0 °C        | 5.0 min<br>@Temperature 75.2 °F          | 1 lb. mass  |

| Descriptive Properties | Value                   | Comments |
|------------------------|-------------------------|----------|
| Mix Ratio              | 1:1 by weight or volume |          |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China