

BCC Products METAL-KAST/SLO BC 8010-2 Urethane Casting

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

BC8010-2 Metal-Kast/Slo, the result of extensive research and development is an aluminum filled, metal-like, medium setting urethane reproduction plastic. A slower version of the BC8010 Metal-Kast which allows the user longer working time for pouring larger castings or for filling closed mold cavities. BC8010-2 is ideal for the construction of low temperature vacuum form tools, prototypes, models, display parts, patterns, keller aids and bulk back fill. Information provided by BCC Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BCC-Products-METAL-KASTSLO-BC-8010-2-Urethane-Casting.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.60 g/cc	1.60 g/cc	
Brookfield Viscosity	3250 cP @Temperature 23.9 °C	3250 cP @Temperature 75.0 °F	#2 spindle @ 20 rpm
Linear Mold Shrinkage	0.00080 cm/cm	0.00080 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85 @Temperature 23.9 °C	85 @Temperature 75.0 °F	
Compressive Strength	67.2 MPa	9750 psi	

Processing Properties	Metric	English	Comments
Cure Time	360 min @Temperature 24.0 °C	6.00 hour @Temperature 75.2 °F	demold time
Pot Life	12 min @Temperature 24.0 °C	12 min @Temperature 75.2 °F	1 lb. mass

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

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