

## BCC Products BC 7020 Epoxy Backfill System

Category : Polymer , Thermoset , Epoxy

### Material Notes:

BC 7020 is a lightweight two component epoxy backfill system. Unlike BC 7010, the filler portion is pre-blended into the resin and hardener components for easier handling, thus simplifying the mixing process. BC 7020 is ideally suited for foundry applications involving mold and core construction. Features: low cost, simple mix ratio (1 to 1 by wt.), long pot life, machineable low shrinkage, and color change to insure complete mix. Information provided by BCC Products, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BCC-Products-BC-7020-Epoxy-Backfill-System.php](http://www.lookpolymers.com/polymer_BCC-Products-BC-7020-Epoxy-Backfill-System.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.780 g/cc	0.780 g/cc	
Linear Mold Shrinkage	0.00020 cm/cm	0.00020 in/in	ASTM D2566-69

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	
	@Temperature 23.9 °C	@Temperature 75.0 °F	
Compressive Strength	25.4 MPa	3680 psi	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	53.3 °C	128 °F	

Processing Properties	Metric	English	Comments
Cure Time	1440 min	24.0 hour	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Pot Life	120 - 180 min	120 - 180 min	
	@Temperature 24.0 °C	@Temperature 75.2 °F	

Descriptive Properties	Value	Comments
Mix Ratio	1:1 by weight	
Mixed Viscosity, Brookfield	Thixotropic	

## Contact Songhan Plastic Technology Co.,Ltd.

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