

BCC Resins BC 7020

Epoxy; Epoxide

BCC Products Inc.

Message:

BC 7020 is a light weight 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. BC 7020 features the following advantages: low cost, simple mix ratio (1 to 1 by wt.), long pot life, machinable, low shrinkage, color change to insure complete mix. Mixing Procedure:

Combine equal parts (by weight) into a clean, dry mixing container such as a Hobart Kettle or similar vessel. Mix completely (5-10 minutes) until blue and yellow components yield a faint green uniform color. Empty mixture into mold cavity in 1 to 2 inch layers and compact (tamp) into place. NOTE: To insure adhesion between previously applied surface coat, laminate or BC 7020 backfill system, it is recommended that a thin layer of epoxy resin/hardener mixture be used prior to back filling with the BC 7020 system.

General Information			
Features	Low Shrinkage Machinable		
Appearance	Green		
Forms	Paste		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.778	g/cm ³	ASTM D792
--	0.775	g/cm ³	ASTM D1505
Molding Shrinkage - Flow	0.020	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Compressive Strength	25.4	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	53.3	°C	ASTM D648
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 1.0		
Resin	Mix Ratio by Weight: 1.0		
Pot Life (24°C)	120 to 180	min	
Demold Time (24°C)	1400	min	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

