Ultracast™ AL Red Label

Epoxy; Epoxide

Hapco Inc.

Message:

A series of low cost, high performance filled casting systems.

Low shrink, low viscosity, one to one mix ratio, duplicating casting systems that reproduce the finest detail. These systems are easily machined, polished, and hand carved without excess wear to cutting tools. Modifications and repairs are easy.

Excellent for all types of model applications, tooling applications, fixture applications, molds, general duplications, and general casting. No more waiting overnight. No more warped castings. No need for carbide cutters to machine.

When you need fast, exact detail, and accurate duplication, ULTRACAST is the best choice.

General Information			
Features	Low Shrinkage		
	Low Viscosity		
	Machinable		
Uses	Molds/Dies/Tools		
Appearance	Aluminum		
Forms	Liquid		
Processing Method	Casting		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.70	g/cm³	ASTM D792
Specific Volume	0.00222	cm³/g	
Gel Time (25°C)	8.0	min	
Molding Shrinkage - Flow	0.050 to 0.30	%	ASTM D955

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	77 to 83		ASTM D2240

Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Part B	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Thermoset Mix Viscosity (25°C)	4950 to 5050	cP	ASTM D2393
Demold Time [1] (21°C)	60 to 180	min	

NOTE	
1.	0.125 inches thick

Recommended distributors for this material

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