

Hapcast™ 3736

Thermoplastic

Hapco Inc.

Message:

HAPCAST 3736 is a room or elevated temperature curing, casting and tooling compound
Steel filled epoxy system
Low viscosity
Excellent viscosity and high density
Good air release and good wettability of all surfaces
Very low shrinkage
Exact reproduction of the original model
Provides excellent toughness, impact strength, and thermal conductivity

Applications:

- Tooling
- Forms
- Dies
- Fixtures
- Core Filling

General Information			
Filler / Reinforcement	Steel		
Features	Good Impact Resistance		
	Good Toughness		
	High Density		
	Low Shrinkage		
	Low Viscosity		
	Machinable		
	Thermally Conductive		
Uses	Molds/Dies/Tools		
Appearance	Grey		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	
Specific Gravity	2.00	g/cm ³	
Molding Shrinkage - Flow	0.050	%	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	90		
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength	93.1	MPa	ASTM D790
Compressive Strength	165	MPa	
Thermoset	Nominal Value	Unit	
Thermoset Mix Viscosity (25°C)	5000	cP	

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