

Hapcoat™ 3726

Thermoplastic

Hapco Inc.

Message:

HAPCOAT 3726 is a high heat resistant, thixotropic, gel coat that is specifically designed to reproduce surface details exactly and eliminate print through. When HAPCOAT 3726 is used with HAPCURE 7 curing agent, it is ideally suited for molds filled with aluminum conductites or sand, or backed with fiberglass cloth. This is due to its fast "tack-up" time which eliminates any print through.

Formulated to withstand 350°F continuous service, & intermittent service to 400°F

Being thixotropic, HAPCOAT 3726 applies easily with a brush, and will not sag when applied to a vertical surface

Easily machined and can be drilled, tapped, or milled with conventional tools

When used with HAPCURE 7, HAPCOAT 3726 reaches "tacked-up" (bubble gum) state in approximately 30-45 minutes.

Short-term exposure to 400°F and continuous service to 350°F is possible with this system.

Reproduces the finest surface detail and texture.

There is almost no shrinkage during cure with HAPCOAT 3726.

May be used with a variety of curing agents to accommodate a wide range of application requirements.

HAPCOAT 3726 Applications:

These high heat transfer and high heat distortion properties make HAPCOAT 3726 especially suitable for:

Sample and production molds for foam molding

Slush molding

Injection molding

Blow molds

Autoclave molds

Molds for low melting alloys for wax

Molds for thermosets, such as epoxies, polyesters, silicones, and urethanes

High temperature vacuum and pressure forming molds

Hot press dies

Foam molds

General Information		
Filler / Reinforcement	Aluminum	
Features	Fast Cure	
	High Heat Resistance	
	Low Shrinkage	
	Machinable	
	Thixotropic	
Uses	Coating Applications	
	Molds/Dies/Tools	
Appearance	Aluminum	
Forms	Liquid	
Processing Method	Coating	
Physical	Nominal Value	Unit
Specific Gravity	1.45	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	90	
Mechanical	Nominal Value	Unit

Tensile Strength	62.1	MPa
Tensile Elongation (Break)	1.0	%
Thermal	Nominal Value	Unit
Continuous Use Temperature	177	°C
Service Temperature - Intermittent	204	°C
Thermoset	Nominal Value	Unit
Pot Life	45	min

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