

Mounting Materials

Compression Molding Powders



DESCRIPTION	QUANTITY	PART NO.	PRICE
Black Phenolic	5 lbs.	MPB	MSDS
	50 lbs.	MPB-50*	XXXXX
Red Phenolic	5 lbs.	MPR	XXXX
	50 lbs.	MPR-50*	XXXXX
Green Phenolic	5 lbs.	MPG	XXXX
	50 lbs.	MPG-50*	XXXXX
Brown Phenolic	5 lbs.	MPBROWN	XXXX
	50 lbs.	MPBROWN-50*	XXXXX
Brown/Green Phenolic	5 lbs.	MPBG	XXXX
	50 lbs.	MPBG-50*	XXXXX
Blue Diallyl Phthalate-Mineral	5 lbs.	MPBDAPM	XXXX
	50 lbs.	MPBDAPM-50*	XXXXX
Blue Diallyl Phthalate-Glass	5 lbs.	MPBDAPG	XXXX
	50 lbs.	MPBDAPG-50*	XXXXX
Transparent Acrylic Thermoplastic	5 lbs.	MPTTP	XXXX
	50 lbs.	MPTTP-50*	XXXXX
Black Epoxy	5 lbs.	MPBE3	XXXX
	50 lbs.	MPBE3-50	XXXXX
Conductive Epoxy-Copper	1 lbs.	MPBECON	XXXX
	5 lbs.	MPBECON-5	XXXXX

*Sold in two 25 lb. containers.

Phenolic Preforms 500 per pack



COLOR	DIAMETER	PART NO.	PRICE/EACH	PRICE/EACH	PRICE/EACH
			1 PACK	2 PACKS	3 PACKS
Black	1-1/4"	PFB2	XXXX	XXXX	XXXX
	1-1/2"	PFB3	XXXXX	XXXX	XXXX
Red	1-1/4"	PFR2	XXXX	XXXX	XXXX
	1-1/2"	PFR3	XXXXX	XXXX	XXXX
Green	1-1/4"	PFG2	XXXX	XXXX	XXXX
	1-1/2"	PFG3	XXXXX	XXXX	XXXX

Silicone Mold Release Aerosol Spray For Hot Mounting



Mold Release Spray For Hot Mounting is a dual blend of highly efficient release agents. It is a universal mold release whose active release agents are formulated to provide more releases per application. Do not allow temperature to exceed 120° Fahrenheit.

SIZE	PART NO.	PRICE
18 ounce spray can*	SMR-18	XXXX

* No air shipments

HUDSON molding powders for encapsulation will not distort your sample

Phenolics

- variety of colors
- fast
- economical
- easily used
- high shrinkage
- low edge retention
- low hardness

Diallyls

- blue to blue green in color
- high hardness
- medium shrinkage
- good edge retention
- chemically resistant

Epoxies

- black in color
- good edge retention
- high hardness
- chemically resistant

Acrylics

- transparent
- slow cure
- require low pressure
- medium hardness
- not chemically resistant

Mounting Systems

HUDSON offers a variety of cold mounting systems, both proprietary and industry standards. The chart below has been provided for your quick referencing.

Two-Part Castable Mounting Compounds

NAME	TEMP. - DEGREES FAHRENHEIT	HARDNESS	APPROX. CURE TIME	SHELF LIFE	COLOR	GENERAL INSTRUCTIONS	COMMENTS
Quickmount (Acrylic)	175°	15-20 Rockwell R	30 Minutes	6 Months	Milky White Translucent	Mix 2 parts powder 1 part liquid	Dissolves in Acetic Acid Rapid Cure Strong Odor Moderate Hardness
Koldmount (Acrylic)	275°	14-18 Rockwell R	30 Minutes	1 Year	Translucent	Mix 5 parts powder 3 parts liquid	
<i>HUDSON</i> Polyester	250°	18-22 Rockwell R	15-30 Minutes	1 Year	Translucent	Mix 50 parts resin to 1 part hardener	Mild Odor
<i>HUDSON</i> Epoxy	160°	26-28 Rockwell R	6-8 Hours	1 Year	Clear	Mix 8 parts resin to 1 part hardener	Low Shrinkage Slow Cure Solvent Resistant
<i>HUDSON</i> Conductive Epoxy	150° - 250°	Shore D85	4 Hours	1 Year	Black	Mix 1 part resin to 1 part hardener	Nickel Conductive Mount for SEM

Quickmount

Powder-Liquid System.

Mix two-parts powder to one-part liquid.

DESCRIPTION	QUANTITY	PART NO.	PRICE
Quickmount Powder & Liquid Kits	2 Lb. Kit (2 Lb. (908 Gm) & 24 Oz. (710 cc))	QMK02	XXXX
	5 Lb. Kit (5 Lb. (2.27 Kg) & 60 Oz. (1.78 Ltr.))	QMK05	XXXX
	25 Lb. Kit (25 Lb. (11.4 Kg) & 300 Oz. (8.88 Ltr.))	QMK25	XXXXX
	50 Lb. Kit (50 Lb. (22.7 Kg) & 600 Oz. (17.75 Ltr.))	QMK50	XXXXX
Quickmount Powder Only	2 Lb. (908 Gm)	QMP01	XXXX
	5 Lb. (2.27 Lb.)	QMP05	XXXX
Quickmount Liquid Only	12 Oz. (355 cc)	QML012	XXXX
	30 Oz. (888 cc)	QML030	XXXX

Koldmount

Powder-Liquid System.

Mix five-parts powder to three-parts liquid.

DESCRIPTION	QUANTITY	PART NO.	PRICE
Koldmount Powder and Liquid Kits	1 Lb. Kit =1 Lb. (454 Gm) & 12 Oz. (355 cc)	KMK3337	XXXX
	5 Lb. Kit = 5 Lb. (2.27 Kg) & 60 Oz. (1.78 Ltr.)	KMK3338	XXXXX
	10 Lb. Kit =10 Lb. (4.54 Kg) & 120 Oz. (3.55 Ltr.)	KMK3339	XXXXX
	25 Lb. Kit = 25 Lb. (11.4 Kg) & 300 Oz. (8.88 Ltr.)	KMK3340	XXXXX
	50 Lb. Kit =50 Lb. (22.7 Kg) & 600 Oz. (17.75 Ltr.)	KMK3341	XXXXXXX
Koldmount Powder Only	1 Lb. (454 Gm)	KMP3342	XXXX
	5 Lb. (2.27 Kg)	KMP3343	XXXXX
	10 Lb. (4.54 Kg)	KMP3344	XXXXX
	25 Lb. (11.4 Kg)	KMP3344-A	XXXXX
	50 Lb. (22.7 Kg)	KMP3345	XXXXXXX
Koldmount Liquid Only	12 Oz. (355 cc)	KML3346	XXXX
	30 Oz. (888 cc)	KML3347	XXXX

HUDSON Polyester

Two-Part Liquid Polyester Mounting Compound.

Mix fifty-parts of resin to one part of hardener.

DESCRIPTION	QUANTITY	PART NO.	PRICE
HUDSON Polyester Kit	1 Qt. Resin (.95 Ltr.), 1 Oz. Hardener (30 cc)	HP10	XXXX
HUDSON Polyester Resin	1 Gallon Resin (3.8 Ltr.)	HP40	XXXX
HUDSON Polyester Hardener	16 Oz. Hardener (120 cc)	HP60	XXXX

HUDSON Epoxy

Two-Part Liquid Epoxy Compound.

Mix eight-parts of resin to one part of hardener.

DESCRIPTION	QUANTITY	PART NO.	PRICE
HUDSON Epoxy Kit Small	1 Qt. Resin (.95 Ltr.), 8 oz. Hardener (180 cc)	HE10	XXXX
HUDSON Epoxy Kit Large	1 Qt. Hardner (.95 Ltr.), 1 Gallon Resin (3.8 Ltr.)	HE20	XXXXX
HUDSON Epoxy Resin	1 Gallon Resin (3.8 Ltr.)	HE40	XXXX
HUDSON Epoxy Hardener	1 Qt. Hardener (.95 Ltr.)	HE60	XXXX

HUDSON Conductive Epoxy

Two-Part Liquid Nickel-Filled Compound.

Mix by weight, one part epoxy to one part hardener and stir thoroughly for 4 minutes. Cure for 2 hours at 65° Celsius and raise temperature to 120° Celsius for an additional 2 hours.

DESCRIPTION	QUANTITY	PART NO.	PRICE
Epoxy Kit	1 oz. Kit	HCE10	XXXX



Miscellaneous Mounting Supplies

DESCRIPTION	TYPE	QUANTITY	PART NO.	PRICE
Sample Clips	Stainless Steel	100	SCS-1	XXXX
Sample Clips	Stainless Steel	1000	SCS-2	XXXXX
Sample Clips	Clear Plastic	100	SCP-1	XXXX
Sample Clips	Clear Plastic	1000	SCP-2	XXXXX
Glass Plates	8" X 8" X .25"	1	GP	XXXX
Stirring Sticks	Wooden	1000	SS	XXXX
Measuring and Mixing Cups graduated within 5% accuracy from 1/4 to 3 oz. And from 5 to 80 ml.	Paper	100	CUPPA-1	XXXX
		1000	CUPPA-2	XXXXX
Measuring and Mixing Cups made of polypropylene 4 oz. size, graduated in oz. & ml.	Plastic - Reusable	20	CUPPL-1	XXXX

Mounting Molds

DESCRIPTION	TYPE	QUANTITY	PART NO.	PRICE
Plastic Sample Cup	1.00"	12	PSC-1	XXXX
Plastic Sample Cup	1.25"	12	PSC-2	XXXX
Plastic Sample Cup	1.50"	12	PSC-3	XXXX
Rubber Sample Cup	1.00"	5	RSC-1	XXXX
Rubber Sample Cup	1.25"	5	RSC-2	XXXX
Rubber Sample Cup	1.50"	5	RSC-3	XXXX
Rubber Sample Cup	2.00"	5	RSC-4	XXXXX
Rubber Sample Cup	3.00"	1	RSC-5	XXXX

Ring Forms

DESCRIPTION	TYPE	QUANTITY	PART NO.	PRICE
Phenolic	1.00" OD	10	RF1-1	XXX
Phenolic	1.00" OD	100	RF1-2	XXXX
Phenolic	1.25" OD	10	RF2-1	XXX
Phenolic	1.25" OD	100	RF2-2	XXXX
Phenolic	1.50" OD	10	RF3-1	XXX
Phenolic	1.50" OD	100	RF3-2	XXXX