

KALM Technologies, LLC offers a range of standard and special Diamond Compounds formulated and manufactured in our quality controlled laboratory.

Developed especially for mold polishing applications our compounds allow to build the process of polishing that provides brilliant finishes without a loss in cutting quality.



Each compound is a special blend of the highest quality diamond powder with a specific grading and concentration in a chemical carrier to give:

- The optimum stock removal and surface finish
- Ease of cleaning
- Temperature resistance
- Lubrication to prevent drying out

With changing technology, our compounds are continually being developed to meet specific requirements. Our laboratory can also help develop formulations specific to your application.

- ◇ The compounds are oil soluble, contain high concentrations of diamond for the fastest polishing results. Economically priced. Available in 18 gram syringes. Intended for precision/mirror finishing of various mold materials, various hardened steels, ceramics, etc. Heavy concentrated.

General recommendations	Micron Grade	Micron Range	Mesh Equivalent	Color
Precision Finishing	1/10	0 – ¼	200,000	Grey
	1/4	0 – ½	100,000	Grey
	1/2	0 – 1	60,000	Grey
	1	0 – 2	14,000	White
Finishing	3	2 – 4	8,000	Yellow
	6	4 – 8	3,000	Orange
	9	6 – 12	1,800	Green
Preparatory Finishing	15	10 – 20	1,200	Blue
	30	20 – 40	600	Red
	45	30 - 60	500	Brown
Stock Removal	60	54 - 80	325/400	Purple
	90	80 - 100	270/325	Black

- ◇ Diamond Compounds MP possess high abrasive properties. They are ideal for stock removal before final polishing. Roughness of the surface achieved with these compounds allows to reduce time necessary for final polishing, and therefore fewer steps required to reach the final result. Oil soluble, they are available in 3 colors: blue, orange and yellow in 18 gram tubes. Heavy concentrated.

Preparatory Finishing	3	2 – 4	8,000	Yellow
	6	4 – 8	3,000	Orange
	15	10 – 20	1,200	Blue