



ULTIMATE MOLD POLISHING COMPOUND



PCT Europe offers a range of standard and special diamond compound formulated, manufactured and tested in a high-tech laboratory. Each compound is a blend of the highest quality diamond powder with a specific grading and concentration to achieve:

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

Our polishing compounds are uniformly distributed, consistent, ready for use, have a creamy texture, do not scratch, do not seize, do not create orange peel effects or pitting. With changing technology and needs, our compounds are continually being developed to meet specific requirements. Our laboratory can help develop formulations specific to your application.

Our range includes **oil soluble** and **water soluble pastes**. The water soluble pastes are very easily washed off with water only, no needs for soap or other detergents.



OUR PASTES ARE AVAILABLE IN THE FOLLOWING GRADES AND CONCENTRATIONS

Regular: paste with normal abrasive properties

These compounds contain high concentrations of quality diamond for the fastest polishing results. Economically priced. Available in several packaging solutions. Intended for precision/mirror finishing of various mold materials, various hardened steels, alloys, ceramics, Heavy concentrated.

GENERAL RECOMMENDATION	MICRON	MICRON RANGE	MESH EQUIVALENT	COLOR
FINISHING	3	2 - 4	8.000	Yellow
	6	4 - 8	3.000	Orange
	9	6 - 12	1800	Green
PREPARATORY FINISHING	15	10 - 20	1200	Blue
	30	20 - 40	600	Red
	45	30 - 60	500	Brown
STOCK REMOVAL	60	54 - 80	325/400	Violet
	90	80 - 100	270/325	Black

High abrasive: paste with high abrasive properties

Compounds with high abrasive properties and heavy concentration to achieve unmatched stock removal results and final polishing. Roughness of the surface achieved with these compounds allows to drastically reduce time necessary for final polishing, and therefore fewer steps required to reach the result.

GENERAL RECOMMENDATION	MICRON	MICRON RANGE	MESH EQUIVALENT	COLOR
PRECISION FINISHING	0.10	0 - 1/4	200.000	Grey
	1	0 - 2	14.000	Grey
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