



## Kemet Conventional Lapping Compounds

Grade and Grit Selector Guide		
GRIT	Description	Average Particle Size of Abrasive Grains
		Microns (0.001 mm)
1200	Extremely Fine Polishing, High Precision Lapping	3
1000		5
800		9
600	Very Fine For fine Polishing and Lapping	14
500		17
400		23
320	Fine For Finishing, Valve Lapping, Bearings, Dies, and Gauges	33
280		44
240	Medium Fine For Cylinder Lapping	63
220		66
180	Medium General Purpose for Controlled Stock Removal	86
150		122
120	Coarse For the Initial "Cut" Fast removal of Material	142
100		173
80		267
50	Very Coarse For fastest Material Removal	463
36		710

### The Abrasives

Available in 1kg containers in a wide range of grit sizes. Advantages of Kemet Lapping paste include:-

- Water soluble (environmentally friendly) and safe when handled.
- User Friendly - fast and effective cutting.
- Manufactured to ISO 9001:2000 Quality standards - MSDS supplied
- Only finely graded abrasives used.

### Silicon Carbide

The preferred abrasive for fast cutting of all but the hardest and toughest metals. It will produce a smooth surface, but not a polished one.

### White Aluminium Oxide

Does not cut as fast as the Silicon Carbide, but it does tolerate higher grinding pressures and produces a polished finish. Suitable for glass and similar materials.

### Boron Carbide

Use this abrasive for the hardest and toughest of metals such as aerospace alloys, and tool steels for fast efficient cutting.

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