

# Kemet® Type L

## DIAMOND COMPOUND

PRODUCT DATA

1:2



**Oil Soluble Diamond Compound** specially developed for use on hard materials such as Tungsten Carbide, Hardened Steels and Ceramics.

Recommended for Toolroom and General Production applications.

### Typical Industries:

Ceramic  
Tool and Die  
Wire  
Cutter Tip  
Seal and Valve  
Gauge Manufacture  
General Engineering  
Power Generation

### ☐ Consistency of Performance -

Kemet Diamond Products are manufactured under a quality system registered by BSI.

Certificate of Registration QO 5919 **BS EN ISO 9002:1994**

### ☐ Precise and Superfine Surface Finishes -

Available in an extensive range of different micron sizes, containing only virgin Diamond Powder, graded to closer tolerances than the internationally recognised standards.

### ☐ Efficiency and Economy -

Uniform suspension of Diamond Powder in a specially formulated chemical carrier, ensures that the diamond cuts and polishes with maximum effectiveness.

### ☐ Resists Frictional Heat

High thermal stability of the chemical carrier ensures that Kemet Diamond Compound remains stable, and keeps its suspension properties under operating conditions.

### ☐ User Friendly -

Manufactured from high purity cosmetic quality chemicals, derived from natural products - safe to use and friendly to the environment.

# Kemet® TYPE L



The AppliKator (shown above) is a syringe designed to accurately dispense quantities of Kemet Diamond Compound thus preventing waste and contamination.

Kemet Type L Diamond Compound is normally supplied in 5g AppliKators.  
Alternative packaging-  
20g syringes  
or 5g Dip Jars

## TECHNICAL DATA

| FINAL<br>POLISHING         | Micron Size | Grade   | Colour   |
|----------------------------|-------------|---------|----------|
|                            | 1           | 1-L-C1  | BLUE     |
|                            |             | 1-L-C2  |          |
|                            | 3           | 3-L-C1  | GREEN    |
| LAPPING &<br>PRE-POLISHING |             | 3-L-C2  |          |
|                            | 6           | 6-L-C1  | YELLOW   |
|                            |             | 6-L-C2  |          |
|                            | 8           | 8-L-C1  | RED      |
|                            |             | 8-L-C2  |          |
|                            | 14          | 14-L-C1 | BROWN    |
| RAPID STOCK<br>REMOVAL     |             | 14-L-C2 |          |
|                            | 25          | 25-L-C1 | MAHOGANY |
|                            |             | 25-L-C2 |          |
|                            | 45          | 45-L-C1 | PURPLE   |
|                            |             | 45-L-C2 |          |
|                            |             | 45-L-C3 |          |
|                            | 60          | 60-L-C1 | ORANGE   |
|                            | 90          | 90-L-C1 | WHITE    |

Note : Each micron size is available in different diamond concentrations which are shown in the order lowest to highest, e.g. 3-L-C2 has a higher diamond concentration than 3-L-C1.

## KEMET LUBRICATING FLUIDS

Kemet Lubricating Fluids have been specially developed to ensure that Kemet Diamond Compounds cut and polish with maximum efficiency.

Two oil soluble Lubricating Fluids are available - Type OS, a mineral oil based lubricant and Type LS, which contains oils derived from natural products. Both types can be supplied in trigger sprays or as bulk fluid for use with refillable spray containers.

Our laboratories are able to develop and manufacture Kemet Liquid Diamond products for special applications.

For further assistance or advice please contact our Maidstone Head Office or your local Kemet Representative.

## Kemet

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Kemet Diamond Products and Lapping Plates are manufactured under a quality system registered by  
BSI Certificate No.Q05919 BS EN ISO9002:1994