



CC Grade Vibratory Finishing Media

Description:

B.V. Products "CC" (an acronym for "ceramic cutting") grade of ceramic bodied media is the most popular range of ceramic media due to its versatility and inexpensive cost. It finds greatest use in the finishing of all metals, particularly mild steels and all non-ferrous metals.

Abrasive Base:

Aluminium Oxide

Appearance:

Flecked blue-grey solid objects.

Shape & Size Range:

Straight cut regular triangular: 5mm; 6mm; 10mm; 12mm; 16mm; 19mm; 25mm; 30mm.

45° Angle cut regular triangular: 6mm; 10mm; 12mm; 16mm; 19mm; 25mm; 30mm.

Straight cut regular cylinder: (Dia)3mm; 5mm; 6mm; 10mm; 12mm; 16mm; 19mm. (lengths as required in standard increments)

45° Angle cut regular cylinder: (Dia)3mm; 5mm; 6mm; 10mm; 12mm; 16mm; 19mm. (lengths as required in standard increments)



NOTE: Non standard sizes available on request e.g. 30 x 30 regular triangle x 10mm long angle cut.

Bulk Density:

1.8kg/L for 12mm triangular media.

Depreciation:

Nominal depreciation is approximately 0.25% by weight every 24 hours of use. Tests were conducted using a 280 litre (10 cu.ft) bowl vibrator running on 50Hz supply, and vibration amplitude of 6mm (0.25") with flow through method of compound and water.

Applications:

The major uses of the CC grade media are in the general, medium deburring and finishing of all metal components. It is very economical in use and resists rapid glazing which can lead to a reduction in its effective cutting ability. This is a characteristic problem in similar medias available from other suppliers. Straight cut media is generally used for all applications but the specialised angle cut media is useful for deburring around bores without entering and lodging.

A very high standard of finish can be achieved on machine parts which is further enhanced by the use of "flow through" finishing technology - this is the method in which compound and water is metered accurately into the finishing mass and out to waste in a non-recirculating mode. This also further reduces the tendency of ceramic medias to glaze up or "load". If such a condition does occur (and this is likely when deburring zinc or aluminium castings), the media can be restored to its original condition by introducing LCCD liquid compound to the mass which etches out all metal particles. If glazing is particularly severe, follow this by the introduction of A1G powder compound which will open up the medias surface and represent the cutting edges of the abrasive grains.

Biodegradability

Not applicable. No environmental hazards are posed by this product since it is an inert mineral solid.

Packaging:

25kg white, polythene line woven polypropylene sacks.