



## CP Grade Vibratory Finishing Media

<b>Description:</b>	B.V. Products "CP" (an acronym for "ceramic polishing") grade of ceramic bodied media is an extremely hard media best suited to high lustre polishing and burnishing of all metals. It also finds use in the light deburring of non-ferrous metals.
<b>Abrasive Base:</b>	Virtually abrasive free.
<b>Appearance:</b>	Off-white or cream solid objects.
<b>Shape &amp; Size Range:</b>	<b>Straight cut regular triangular:</b> 5mm; 6mm; 10mm; 12mm;16mm; 19mm; 25mm;30mm. <b>45° Angle cut regular triangular:</b> 6mm;10mm; 12mm; 16mm; 19mm; 25mm; 30mm. <b>Straight cut regular cylinder:</b> (Dia)3mm; 5mm; 6mm; 10mm; 12mm; 16mm; 19mm. (lengths as required in standard increments) <b>45° Angle cut regular cylinder:</b> (Dia)3mm; 5mm; 6mm; 10mm; 12mm; 16mm; 19mm. (lengths as required in standard increments) <b>NOTE:</b> Non standard sizes available on request e.g. 30 x 30 regular triangle x 10mm long angle cut.
<b>Bulk Density:</b>	1.8kg/L for 12mm triangular media.
<b>Depreciation:</b>	Nominal depreciation is approximately 0.15% 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.
<b>Applications:</b>	<p>The major uses of the CP grade media are in the high lustre polishing and burnishing of all metals and has a specialist use in "relieving" operations on such parts as antique finished die castings. This media will also perform light deburring operations but it has a tendency to glaze rapidly, particularly if used on non-ferrous metals.</p> <p>Very high standards of finish can be 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. <b>NEVER</b> introduce abrasive compound when using CP grade medias. They may destroy the medias ability to polish irrecoverably.</p> <p><b>NOTE:</b> Glazing or "loading" of ceramic polishing media is often a very desirable asset in obtaining particularly high lustre finishes on some metals and often takes weeks to achieve. Therefore, care must be taken before deciding to deglaze this particular grade of ceramic. Someone may have gone to great lengths to achieve this condition!!!</p>
<b>Biodegradability</b>	Not applicable. No environmental hazards are posed by this product since it is an inert mineral solid.
<b>Packaging:</b>	25kg white, polythene line woven polypropylene sacks.