



## Aluminium Oxide Powders and Suspensions



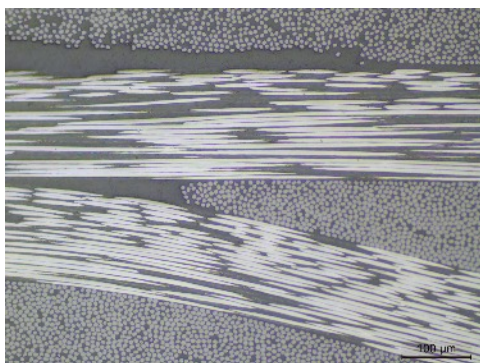
Aluminium oxide or alumina is available from MetPrep in both powder form or as a aqueous suspension.

It is also available in both Gamma & Alpha versions. These have different crystal structures with the alpha alumina being the hardest of the two variants. The Alpha alumina is available as a suspension in grades 5 um, 1 um and 0.3 um. The gamma alumina is available at a grade of 0.05 um.

In powder form the Alpha alumina is available in 1.0 um and 0.3 um grades with the gamma alumina Also available in 0.05 um.

The 0.3 um alumina is ideal for grinding applications using a hard cloth such as Planocloth in particular in the preparation of Carbon Fibre Composites where its sharper crystal structure cuts better than diamond.

The 0.05um alumina on a soft napped cloth such as Memphis is ideal for the fine polishing of ferrite in steels



CFC finished with 0.3um Alumina on Planocloth    0.1% C steel finished with 0.05um alumina on alphascloth.

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MetPrep Ltd - Curriers Close, Charter Avenue, Coventry, CV4 8AW - 02476 421222