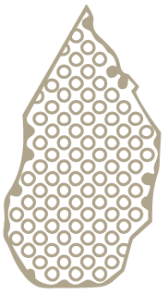
ABRASIVES TECHNOLOGY EXPLAINED

CERAMIC ALUMINA C/A



Ceramic Alumina is the most recent abrasive technology introduced in its first forms in the early 1980's. Chemical variations and special forming techniques continue to advance the use of this abrasive technology into more and more applications and material types.

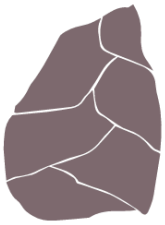
The sub-micron structure of ceramic alumina allows each grain to continually expose sharp cutting points, resulting in a cooler cutting action and an extended life. It is the first choice for use on ferrous/non-ferrous metals, carbon steel and exotic alloys.

ZIRCONIA ALUMINA Z/A

Zirconia alumina is a super tough, man-made abrasive first introduced in the mid 1970's. It is tougher and sharper than aluminum oxide and retains it sharpness for a longer period. The microcrystalline structure ensures a more controlled breakdown, becoming self sharpening resulting in a free, cool cut for high stock removal applications.

Ideal for heavy-duty grinding of all ferrous and non-ferrous metals, high stock removal on wood, plywood and particleboard, grinding fiberglass, rubber and plastics.

ALUMINUM OXIDE A/O



Aluminum Oxide was the second man-made abrasive to be invented. It is made in several versions including but not limited to Brown Aluminum Oxide, Light Brown Aluminum Oxide, White Aluminum Oxide and others.

Aluminum oxides run the gamut from very tough, block shaped and durable to hard, friable and very sharp. The result is an abrasives that can penetrate hard materials at high speeds for rapid stock removal. Aluminum oxides resist wear, generate a cool cutting action, provide long life and a freeness of cut on the widest range of materials.

SILICON CARBIDE S/C

Silicon carbide was the first man-made abrasives. It is the hardest and sharpest of the manufactured abrasives.

Blue/black in color, this abrasive grain enables fast stock removal and a cool cutting action on cast Iron, non-ferrous metals, glass, rubber, plastic and stone. It is often used for final finishing on wood and creates the blue-bright finish on stainless steel.

Information Compliments of Dynabrade