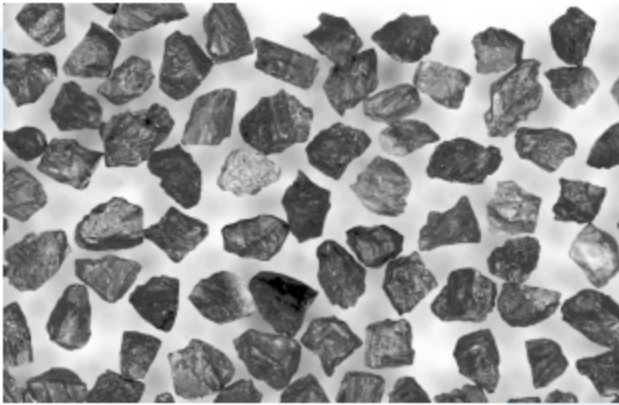


40% ZIRCONIA ALUMINA FOR COATED ABRASIVES



DESCRIPTION

It is the Fused Alumina-Zirconia type of eutectic composition produced by melting alumina and Zirconia at about 2000C temperature in an electric arc furnace followed by cooling of the motion product. The very fine and homogenous microstructure of this materials provides high toughness but also excellent self sharpening properties. With 40% zirconia, this product promises lasting durability for coated and bonded abrasives.

APPLICATIONS

ZA28 is for coated abrasives. While traditional abrasives dull or break at the bonding point, DOMILL's ZA28 abrasives have unique fracture properties that offer microscopic precision in performance and efficient ability in high speed cutting action. These grains do not only improve the overall cutting experience, but they also extend the usability of your sandpapers, belts, or flap discs.

GRITS AVAILABLE: P20-P220

Customized sizes available upon request

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	ZrO ₂	SiO ₂	Fe ₂ O ₃	Na ₂ O
59	40	0.10	0.20	0.08

TYPICAL PHYSICAL PROPERTIES

Structure	a- Al ₂ O ₃ , m. t - ZrO ₂	Absolute density	4.65 g/cm ³
Knoop hardness	1620 kg/mm ²	Melting point	1880°C

TYPICAL BULK DENSITY

ZA28	
GRITS	BULK DENSITY
P20	0 - 2.25
P24	0 - 2.20
P30	0 - 2.20
P36	0 - 2.20
P40	0 - 2.10
P50	0 - 2.10
P60	0 - 2.00
P80	0 - 2.00
P100	0 - 1.93
P120	0 - 1.93
P150	0 - 1.93
P180	0 - 1.93
P220	0 - 1.93