

REGULAR BLACK FUSED ALUMINA



DESCRIPTION

DOMILL Black fused alumina has the characteristics of good self-sharpness, less heat on the surface of work-pieces when cutting, grinding and polishing, which makes them avoid burning and has a good finished surface.

APPLICATIONS

BA10 is angular shape, regular black fused alumina with minimum 60% content of aluminum oxide, which makes it wonderful for lapping and polishing, it also can be composited with other abrasive grains to make resin bonded abrasives and coated abrasives.

It also can be used as wear-resistant floor and making anti-skid road surface aggregate.

GRITS AVAILABLE: F12-F320, P12-P320

Customized sizes available upon request

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	TiO ₂
62	10	15	3

TYPICAL PHYSICAL PROPERTIES

Mineral Composition	Alpha Alumina	Color	Black Grey
Mons' Hardness	8.0-9.0	Knoop Hardness	2000
Melting Point	2050°C	Hydrophilicity (F30)	50mm
Specific Gravity	≥3.60	Toughness (F30)	21%

TYPICAL BULK DENSITY

GRITS	BULK DENSITY
	BA10
F12	1.53±0.08
F14	1.53±0.08
F16	1.52±0.08
F20	1.52±0.08
F22	1.51±0.07
F24	1.51±0.07
F30	1.49±0.07
F36	1.46±0.06
F40	1.45±0.06
F46	1.44±0.06
F54	1.42±0.06
F60	1.41±0.05
F70	1.41±0.05
F80	1.41±0.05
F90	1.40±0.04
F100	1.40±0.04
F120	1.37±0.04
F150	1.34±0.04
F180	1.34±0.04
F220	1.32±0.04