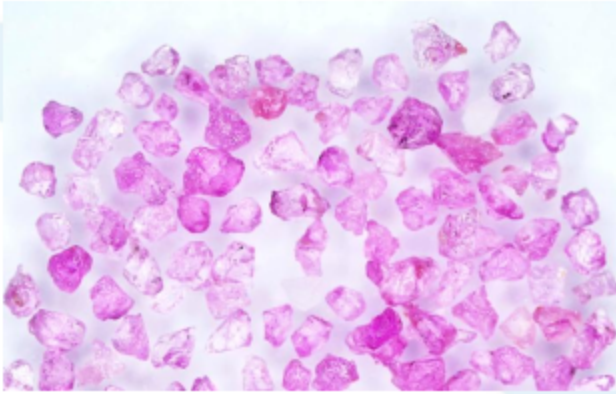


REGULAR PINK FUSED ALUMINA



DESCRIPTION

The series of pink fused alumina (PA) made by using alumina powder as the main raw material, fitting chromium oxide and smelting in high temperature electric arc furnace. The color of PA is light purple or rose, its hardness is similar to that of WA, and its toughness is higher than that of WA.

APPLICATIONS

PA15 is angular, moderate bulk density. The grinding tools made of it are not mesh cracks, no rust spots, sharp grinding, very low heating rate, high grinding ratio. It is suitable for processing quenched steel, alloy steel, precision measuring tools, machine tool spindle, instrument parts, thread workpiece and template grinding workpiece with high finish requirement.

PA18 is a blocky with regular, orderly particles and high bulk density. Compared with PA15, the durability of its grinding tools is improved. It is suitable for processing quenched steel, alloy steel, precision measuring tools, machine tool spindles, instrument parts, threaded workpieces and other workpieces with high finish requirements.

GRITS AVAILABLE: F12-F1200

Customized sizes available upon request

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	Na ₂ O	Cr ₂ O ₃	Fe ₂ O ₃
98.79	0.30	0.38	0.05

TYPICAL PHYSICAL PROPERTIES

Mineral Composition	Alpha Alumina	Color	Pink
Mons' Hardness	8.0-9.0	Knoop Hardness	2200-2300
Melting Point	2050°C	Hydrophilicity (F46)	120mm
Specific Gravity	≥3.90	Toughness (F46)	45%

TYPICAL BULK DENSITY

GRITS	BULK DENSITY	
	PA15	PA18
F16	1.71-1.81	1.76-1.86
F20	1.71-1.81	1.76-1.86
F22	1.71-1.81	1.76-1.86
F24	1.71-1.81	1.76-1.86
F30	1.69-1.79	1.76-1.86
F36	1.67-1.77	1.76-1.86
F40	1.65-1.75	1.76-1.86
F46	1.63-1.73	1.74-1.84
F54	1.61-1.71	1.72-1.82
F60	1.59-1.69	1.70-1.80
F70	1.57-1.67	1.68-1.78
F80	1.55-1.65	1.66-1.76
F90	1.53-1.63	1.64-1.74
F100	1.52-1.62	1.63-1.73
F120	1.50-1.60	1.61-1.71
F150	1.48-1.58	1.59-1.69
F180	1.46-1.56	1.57-1.67
F220	1.44-1.54	1.55-1.65