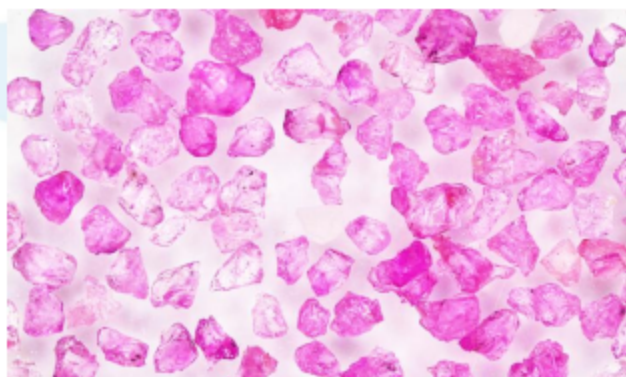


PINK FUSED ALUMINA FOR COATED ABRASIVES



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.

The coated grinding tools manufactured by it have good durability and high grinding finish. It is suitable for precision grinding of measuring tools, machine tool spindle, instrument parts, thread workpiece and template grinding.

APPLICATIONS

PA25 is angular with moderate bulk density, and the abrasive made of PA25 has no mesh cracks, no rust spots, sharp grinding, low heating rate, high grinding ratio and little adhesion. 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.

GRITS AVAILABLE: P16-P2000

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 (P50)	124mm
Specific Gravity	≥3.90	Toughness (P50)	47%

TYPICAL BULK DENSITY

GRITS	BULK DENSITY
	PA25
P16	1.71-1.81
P20	1.71-1.81
P24	1.71-1.81
P30	1.69-1.79
P36	1.67-1.77
P40	1.65-1.75
P50	1.62-1.72
P60	1.59-1.69
P80	1.56-1.66
P100	1.53-1.63
P120	1.51-1.61
P150	1.49-1.59
P180	1.47-1.57
P220	1.45-1.55