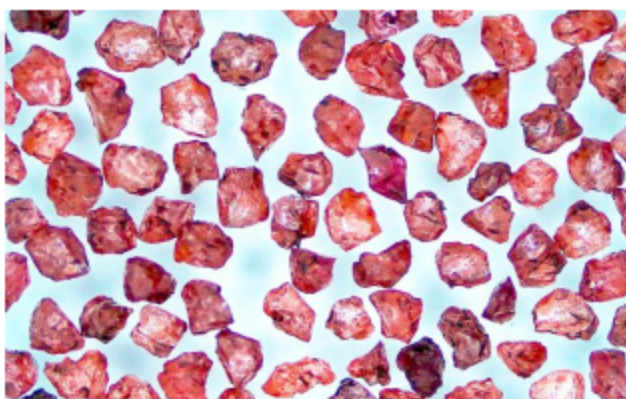


COATED PINK FUSED ALUMINA



DESCRIPTION

The Coated Pink Fused Alumina is a kind of improved abrasive which uses chrome-corundum as raw material and uses a certain amount of organic or inorganic special auxiliary materials to wrap the surface of high-quality pink corundum particles. After a specific temperature and time in the tunnel kiln, it is subjected to heat treatment. The Coated Pink Fused Alumina particles have rough surface and stronger bond with binder, which is more suitable for middle and high-end abrasive manufacturing requirements.

APPLICATIONS

PAR15 particles are coated by iron oxide red, with angular shape and medium bulk density. The resin abrasive tools made 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.

GRITS AVAILABLE: F12-F400

Customized sizes available upon request

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	Na ₂ O	Cr ₂ O ₃	Fe ₂ O ₃
98.05	0.40	0.38	0.50

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)	240mm
Specific Gravity	≥3.90	Toughness (F46)	60%

TYPICAL BULK DENSITY

GRITS	BULK DENSITY
	PAR15
F16	1.83-1.93
F20	1.82-1.92
F22	1.81-1.91
F24	1.80-1.90
F30	1.78-1.88
F40	1.75-1.85
F46	1.73-1.83
F54	1.71-1.81
F60	1.69-1.79
F70	1.67-1.77
F90	1.63-1.73
F100	1.62-1.72
F120	1.60-1.70
F150	1.58-1.68
F180	1.56-1.66