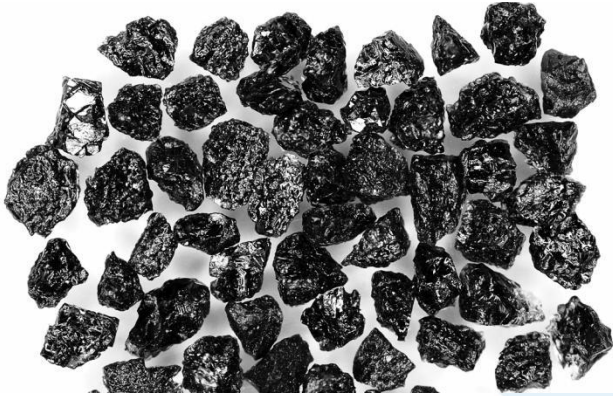


SPECIAL BLACK FUSED ALUMINA



DESCRIPTION

DOMILL black fused alumina is often used for polishing bamboo, craftwork, glass, copper and aluminum alloy, hardware tools, especially stainless steel work piece; With black corundum polishing stainless steel, not easy to burn the surface, after polishing the work piece surface and stainless steel essence uniform color.

APPLICATIONS

BA80 is angular shape, regular black fused alumina with minimum 80% content of aluminum oxide, which is more durable than BA10 when used for lapping and polishing.

GRITS AVAILABLE: F12-F1000, P12-P1000

Customized sizes available upon request

TYPICAL CHEMICAL ANALYSIS

| Al ₂ O ₃ | Fe ₂ O ₃ | SiO ₂ | TiO ₂ |
|--------------------------------|--------------------------------|------------------|------------------|
| 81 | 10 | 6 | 3 |

TYPICAL PHYSICAL PROPERTIES

| Mineral Composition | Alpha Alumina | Color | Black Grey |
|---------------------|---------------|----------------------|------------|
| Mons' Hardness | 8.0-9.0 | Knoop Hardness | 2050 |
| Melting Point | 2050°C | Hydrophilicity (F30) | 50mm |
| Specific Gravity | ≥3.70 | Toughness (F30) | 24% |

TYPICAL BULK DENSITY

| GRITS | BULK DENSITY |
|-------|--------------|
| | BA80 |
| F60 | 1.75±0.08 |
| F70 | 1.75±0.08 |
| F80 | 1.75±0.08 |
| F90 | 1.75±0.08 |
| F100 | 1.78±0.08 |
| F120 | 1.78±0.08 |
| F150 | 1.78±0.08 |
| F180 | 1.78±0.08 |
| F220 | 1.75±0.08 |
| F240 | 1.75±0.08 |
| F280 | 1.66±0.08 |
| F320 | 1.66±0.08 |