



NON-SKID GRIT

CHARACTERISTICS

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| CRYSTAL FORM | Alpha Alumina |
| CHEMICAL NATURE | Amphoteric |
| SPECIFIC GRAVITY | 3.95 g/cm ³ |
| LOOSE PACK BULK DENSITY | 1.61 - 1.87 g/cm ³ |
| HARDNESS | Knoop - 2000; Mohs - 9 |
| REACTION WITH ACIDS | Subject to mild attack by aqua regia and hot hydrochloric, less attack than brown aluminum oxide. |
| REACTION WITH ALKALIS | Very slight with hot strong solutions |
| OXIDATION - REDUCTION EFFECTS | None |
| MELTING POINT | 2000°C (3,630°F) |

TYPICAL CHEMICAL ANALYSIS

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|------------------------|-----------------------------------|--------|
| ALUMINUM OXIDE | (Al ₂ O ₃) | 99.55% |
| TITANIA | (TiO ₂) | 0.01 |
| SILICA (Not Free) | (SiO ₂) | 0.05 |
| IRON OXIDE | (Fe ₂ O ₃) | 0.04 |
| CALCIUM OXIDE | (CaO) | 0.03 |
| MAGNESIA | (MgO) | 0.02 |
| ALKALI (Soda & Potash) | | 0.30 |

White Aluminum Oxide is somewhat more refractory than brown aluminum oxide.

SPECIFIC SIZES

White Aluminum Oxide grains are available in the following grit sizes: 6, 8, 10, 12, 14, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220, 240, 280, 320, 400, 500, 600, 800, 1000, 1200.

Sizes 240 and Coarser are controlled by screen tests in accordance with American National Standards Institute (ANSI) B74. 12-1976. Finer Sizes are tested by Sedimentation or Microscopic methods for conformity to established standards.

IMPORTANT!

Before using DUR-A-FLEX products, read and understand its accompanying Safety Data Sheet & Application Instructions for important safety information.

STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT **DUR-A-FLEX.COM** FOR THE LATEST VERSION