



PRODUCT DATA

Brand Name: **MIGHTY AGG 98**

Description: MIGHTY AGG 98 is a silica-free, high purity alumina, low cement precast mix designed for maximum wear resistance at high temperatures. **This mix is only sold as precast shapes.**

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Maximum Service Temperature: 3300°F (1816°C)

Bulk Density (pcf) 196 (3.14 g/cm³)

Cold Crushing Strength (psi) 6000 to 9000 (420 to 630 kg/cm²)

Hot Modulus of Rupture (psi)
Using ASTM C-583 Method
At 2700°F (1482°C) 300 (21 kg/cm²)

Typical Chemical Analysis (%)

(Calcined Basis)

| | |
|--|------|
| Alumina (Al ₂ O ₃) | 97.9 |
| Silica (SiO ₂) | 0.1 |
| Iron Oxide (Fe ₂ O ₃) | 0.1 |
| Lime (CaO) | 1.9 |
| Titania (TiO ₂) | 0.0 |
| Alkalis (Na ₂ O+K ₂ O) | 0.0 |

Brand Code: 4546

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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