



Technical Data

DURA-TAB Extra High Alumina

Physical Properties

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|--|--------|
| P.C.E. (ASTM C-24) | 40 |
| Bulk Density (lbs./cu. Ft.) | 185 |
| Spall Loss, % (ASTM C-122) | 0 |
| Porosity, % (ASTM C-20) | 17.3 |
| Cold Crushing Strength, psi (ASTM C-133) | 16,200 |
| Modulus of Rupture,psi (ASTM C-133) | 2,570 |
| Deformatioun Under Load, % (ASTM C-16) (2640 °F. (1450 °C.)) | 0.33 |
| Reheat, % (ASTM C-113)(5 hrs. at 2910 °F. (1600 °C.)) | 0.44 |

Chemical Analysis

| | |
|--------------------------------------|-------|
| Al ₂ O ₃ | 94.0% |
| SiO ₂ | 5.6 |
| Fe ₂ O ₃ | 0.1 |
| TiO ₂ | Trace |
| CaO | Trace |
| MgO | Trace |
| Na ₂ O + K ₂ O | 0.2 |

The properties shown on this data sheet represent typical average results generated 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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