



Technical Data

DURA-TAB SC High Alumina Silicon Carbide

Physical Properties

Bulk Density (lbs./cu. Ft.)	181
Spall Los, % (ASTM C-122)	0
Porosity, % (ASTM C-20)	17.6
Cold Crushing Strength, psi (ASTM C-133)	5,000
Modulus of Rupture, psi (ASTM C-133)	2,000
Reheat, % (ASTM C-113) (5 hrs. at 2910 °F. (1600 °C.))	- 0.5 to +1.0

Chemical Analysis

Al ₂ O ₃	78.0%
SiO ₂	2.2
Fe ₂ O ₃	0.4
TiO ₂	Trace
CaO	Trace
MgO	Trace
Alkalies	0.2
SiC + C	18.6

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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