



PRODUCT DATA

Brand Name: **DURA-TAB SC**
Description: High Alumina Silicon Carbide

Physical properties shown are averages based on standard brick sizes.
ASTM test methods used where applicable

Bulk Density (pcf)

As Received 176 (2.82 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 1400 (98 kg/cm²)

Cold Crushing Strength (psi)

At 70°F (21°C) 5000 (350 kg/cm²)

Apparent Porosity (%)

As Received 17.0

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	78.0
Silica (SiO ₂)	2.2
Magnesia (MgO)	Trace
Lime (CaO)	Trace
Iron Oxide (Fe ₂ O ₃)	0.4
Titania (TiO ₂)	Trace
Alkalies	0.2
Silicon Carbide (SiC + C)	18.6

Brand Code: 1280

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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