



Du-Co Ceramics Company™ A Leader in
the Technical Ceramics Industry Since 1949

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Alumina – 99.65 % Crushable

Mechanical, Thermal and Physical Properties

Material Grade 99.65% Crushable Alumina Oxide
(S-669)

Chemical Analysis

MgO	-
AL ₂ O ₃ , %	99.65 min
SiO ₂ , %	.08 max
CaO, %	.08 max
Fe ₂ O ₃ , %	.10 max
B+Cd, ppm	30 max

Mechanical Properties

Porosity, %	MIN 17
Bulk Density, gm/cc	2.20
Flexural Strength, psi	5,000-25,000
Compressive Strength, psi	7,000-30,000

Thermal Properties

Thermal Expansion 25 ^o -700 ^o inch/inch/ ^o CX10 ⁻⁶	7.8
Max Operating Temp., ^o C	