



PRODUCT DATA

Brand Name: **MIX 05-10**
Description: **CARTOP SHAPE**

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

Maximum Service Temperature: 2400°F (1316°C)

Bulk Density (pcf)

As Received 120 (1.92 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 840 (59 kg/cm²)

Apparent Porosity (%)

As Received 26

Coefficient of Thermal Expansion

From 70°F (21°C) to 800°F (427°C) 1.8 (x 10⁻⁶ in/in/°F) 3.24 (x 10⁻⁶ cm/cm/°C)

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	38.1
Silica (SiO ₂)	50.9
Magnesia (MgO)	8.5
Lime (CaO)	0.1
Iron Oxide (Fe ₂ O ₃)	0.7
Titania (TiO ₂)	1.4
Alkalis (Na ₂ O+K ₂ O)	0.3

Brand Code: 0031

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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