PRODUCT DATA

RESCO® PRODUCTS, INC.

Brand Name: **MIX #22**
Description: **Cartop Mix**

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

Maximum Service Temperature: 2300°F (1260°C)

Bulk Density (pcf)

As Received	128 - 134	(2.05 - 2.15 g/cm^3)

Modulus of Rupture (psi)

at 70°F (20°C)	1500 - 1900	(105 - 133 kg/cm^2)

Cold Crushing Strength (psi)

at 70°F (20°C)	6000 - 9000	(420 - 630 kg/cm^2)

Coefficient of Thermal Expansion

70°F (20°C) to 1425°F (774°C)	1.8 (x 10^{-6} in/in/°F)	3.2 (x 10^{-6} cm/cm/°C)

Apparent Porosity (%)

As Received	17 - 21

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al_2O_3)	35.0
Silica (SiO_2)	55.4
Iron Oxide (Fe_2O_3)	2.0
Titania (TiO_2)	1.2
Lime (CaO)	0.1
Magnesia (MgO)	5.8
Alkalis (Na_2O+K_2O)	0.6

Brand Code: 0022

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.

RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.

11/20/17 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.

One Robinson Plaza - Suite 300, 6600 Steubenville Pike, Pittsburgh, PA, 15205 Phone: 888-283-5505