



PRODUCT DATA

Brand Name:

KRILEX® 621-2

Description: KRILEX® 621-2 is a low silica and direct-bonding combine to provide excellent resistance to basic slags, very low porosity and creep subsidence, and good thermal shock resistance. It is recommended for electric furnace slaglines, degassers, AOD vessels and smelting and refining furnaces in the copper and nickel industries.

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

Bulk Density (pcf)

As Received 203 (3.25 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 1040 (72.8 kg/cm²)
At 2700°F (1482°C) 880 (61.6 kg/cm²)

Cold Crushing Strength (psi)

At 70°F (21°C) 6460 (452.2 kg/cm²)

Apparent Porosity (%)

As Received 15.5

Typical Chemical Analysis (%)

(Calcined Basis)

Magnesia (MgO)	58.9
Chromic Oxide (Cr ₂ O ₃)	19.8
Iron Oxide (Fe ₂ O ₃)	12.8
Silica (SiO ₂)	0.9
Lime (CaO)	0.9
Alumina (Al ₂ O ₃)	6.7

Brand Code: 1363

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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