



PRODUCT DATA

Brand Name:

N-2

Description: This material is formed into highly refractory non-deforming nozzles which resist erosion and retard non-metallic inclusions. This gives good stream control by maintaining the original flow hole diameter.

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

Bulk Density (pcf)

As Received 134 (2.14 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 1210 (86 kg/cm²)

Coefficient of Thermal Expansion (x 10⁻⁶ in/in/°C)

26.3

Apparent Porosity (%)

18.1

Absorption (%)

8.5

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	42.9
Silica (SiO ₂)	52.9
Iron Oxide (Fe ₂ O ₃)	1.5
Titania (TiO ₂)	1.6
Lime (CaO)	0.2
Magnesia (MgO)	0.2
Alkalis (Na ₂ O+K ₂ O)	0.9

Brand Code: 4925

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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