



PRODUCT DATA

Brand Name: N-1
Description: A non-wetting, non-deforming, erosion resistant nozzle for steel casting.

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

<u>Bulk Density (pcf)</u>	As Received	123	(1.97 g/cm ³)
<u>Modulus of Rupture (psi)</u>	At 70°F (21°C)	1323	(93 kg/cm ²)
<u>Apparent Porosity (%)</u>		22.0	
<u>Absorption (%)</u>		11.1	

Typical Chemical Analysis (%)
(Calcined Basis)

Alumina (Al ₂ O ₃)	26.4
Silica (SiO ₂)	40.9
Carbon (C)	27.8
Iron Oxide (Fe ₂ O ₃)	1.6
Titania (TiO ₂)	1.4
Lime (CaO)	0.4
Magnesia (MgO)	0.2
Alkalis (Na ₂ O+K ₂ O)	1.3

Brand Code: 4924

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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