



PRODUCT DATA

Brand Name:

MAGVIBE 88 N

Description: MAGVIBE 88 N is a basic, heat setting, 88% MgO dry vibratable containing a dead-burned magnesite aggregate. This product is formulated for use as a backup lining in steel ladles.

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

Bulk Density (pcf)

After 1000°F (538°C)	152	(2.43 g/cm ³)
After 2000°F (1093°C)	151	(2.42 g/cm ³)
After 2800°F (1538°C)	155	(2.48 g/cm ³)

Cold Crushing Strength (psi)

After 1000°F (538°C)	4000	(280 kg/cm ²)
After 2000°F (1093°C)	5000	(350 kg/cm ²)
After 2800°F (1538°C)	8000	(560 kg/cm ²)

Permanent Linear Change (%)

After 1000°F (538°C)	-0.1
After 2800°F (1538°C)	-0.1

Typical Chemical Analysis (%)

(Calcined Basis)

Magnesia (MgO)	87.6
Alumina (Al ₂ O ₃)	1.1
Silica (SiO ₂)	4.3
Iron Oxide (Fe ₂ O ₃)	0.7
Lime (CaO)	2.7
Alkalis (Na ₂ O+K ₂ O)	0.7
Other	2.9

Standard Packaging: 60 lb. bag. Bulk packaging available

Brand Code: 3100

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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