



PRODUCT DATA

Brand Name: PERMACAST™ FG-GM

Description: PermaCast™FG-GM is a low silica, volume stable, magnesia-chrome gunning mix highly resistant to basic slags. It is produced from fused magnesia-chrome grain and is recommended for a wide variety of high temperature applications which require excellent corrosion resistance. Product maintains its high strength throughout a wide temperature range. Sizing and bonding system designed for minimum rebound when applied through nozzle mix gunning equipment.

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

Typical Chemical Analysis (%)

(Calcined Basis)

Magnesia (MgO)	55.0
Silica (SiO ₂)	1.5
Iron Oxide (Fe ₂ O ₃)	12.6
Alumina (Al ₂ O ₃)	6.8
Lime (CaO)	0.4
Chromic Oxide(Cr ₂ O ₃)	23.7

Standard Packaging: 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 1017

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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