



MRPCO
Technical Information

MASS

MRPCHROME-M

Classification:	Regular cement refractory
Main raw materials:	Chromite Sand
Max. service temperature (°C):	≈ 1650
Type of bond:	Hydraulic
Installation method:	Casting
Water Required:	9-11%

Chemical composition

Al ₂ O ₃ (%)	MgO (%)	Fe ₂ O ₃ (%)	Cr ₂ O ₃ (%)	CaO
37-40	11-14	10-14	26-29	4-6

Properties

Bulk density (g/cm³)	2.70-2.90
Cold crushing strength (MPa)	60-80
Grain Size (mm)	0-5
P.L.C at 1200 °C (%)	Dimensional variations are within a range of less than ±1%

ASTM test methods are used, where applicable, to determine the data.

Storage: Product storage is not recommended for more than 6 months. The material should be stored in a dry, covered and well-ventilated area and protected from direct contact with water, moisture and any environmental contamination. The packaging should be intact, unopened and in its original condition. It is recommended to store the bags on pallets and avoid placing heavy loads on them.

If the product is stored outside the recommended conditions or beyond the recommended storage period, a pre-use inspection/retest is required.

Packaging: This product is supplied in 25 kg laminated bags. The packaging is designed to provide adequate durability during handling, transportation and storage for domestic and export shipments. For export, optional inner protective liners, shrink wrapping and labeling in accordance with international shipping are available upon request.

Technical Note: The information provided in this sheet represents typical values obtained from current production samples and is provided for general technical guidance only. It should not be considered as minimum or maximum values for specific applications.



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Technical Information

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MRPCHROME-T

Classification:	Regular cement refractory
Main raw materials:	Chromite Sand
Max. service temperature (°C):	≈ 1370
Type of bond:	Hydraulic
Installation method:	Casting
Water Required:	10-13%

Chemical composition

Al ₂ O ₃ (%)	MgO (%)	Fe ₂ O ₃ (%)	Cr ₂ O ₃ (%)	CaO
22-26	6-8	14-16	23-27	9-12

Properties

Bulk density (g/cm³)	2.50-2.70
Cold crushing strength (MPa)	25-40
Grain Size (mm)	0-3
P.L.C at 1200 °C (%)	Dimensional variations are within a range of less than ±1%

ASTM test methods are used, where applicable, to determine the data.

Storage: Product storage is not recommended for more than 6 months. The material should be stored in a dry, covered and well-ventilated area and protected from direct contact with water, moisture and any environmental contamination. The packaging should be intact, unopened and in its original condition. It is recommended to store the bags on pallets and avoid placing heavy loads on them.

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