

MAE-26 - Alumina Magnesia Spinel

Fused Alumina-Magnesia Spinel for refractories

MAE-26 is a fused Alumina-Magnesia Spinel obtained from fusion of alumina and magnesia in an electric arc furnace. It presents high chemical stability due to its macro crystals. MAE-26 is recommended for refractory applications.

Typical Physical Properties

Cristal Structure	Melting Point	Color	Specific Gravity	Average Cristal Size	Apparent Porosity	Apparent Specific Density
Spinel	2,100° C	Grey	3.51 g/cc	4,000 µm	3.1%	3.25 g/cm ³

* App. Porosity & App. Specific Density by ASTM C 20-00

Chemical Analysis by XRF (%)

Al ₂ O ₃	MgO	SiO ₂	Fe ₂ O ₃	Na ₂ O
73.66	25.43	0.11	0.06	0.49

Grit Sizes

Size (astm)	Size (mm)
3/4" / 5/16"	19.1 - 8.00
5/16" / 4	8.00 - 4.75
4 / 10	4.75 - 2.00
10 / 20	2.00 - 850 µm
10 / 40	2.00 - 425 µm
20 / 40	850 - 425 µm
40 / 200	425 - 75 µm
TPF II	- 212 µm
200 MF	- 75 µm
325 MF	- 45 µm

* Other grit sizes upon request.

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