

Introduction

ZrO₂ 24MgO is a powder which is blended with ZrO₂ and 24wt.% MgO powder. It is fused and crushed. The working temperature can be up to 900°C. This powder has low thermal conductivity and high melting point which make it become a excellent high temperature thermal barrier that can resistant to particle erosion in high temperature and resist wetting of molten zinc, steel, copper and aluminum.

Equivalent: Metco 210

Chemical & Physical Properties

ZrO ₂	MgO	Other Oxides	Color	Working Temperature	Melting point
Bal.	15-30%	≤7%	Dark gray	≤900°C	2140°C

Applications

- Molten metal molds and troughs
- Gorging tooling
- Turbine hot section components,etc

Standard Sizes & Packaging

Bottle	5kg/bottle 4 bottles/box
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