

Chosun Refractories ZM-1 Special Mortar

Category : Ceramic , Oxide , Zirconium Oxide

Material Notes:

Information provided by Chosun Refractories via Korea Institute of Ceramic Engineering and Technology (KICET).

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chosun-Refractories-ZM-1-Special-Mortar.php

Physical Properties	Metric	English	Comments
Grain Size	75 µm	75 µm	50% <= 0.075 mm
	300 µm	300 µm	20% >= 0.30 mm

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	1.4715 MPa	213.42 psi	
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	1.962 MPa	284.6 psi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	3.924 MPa	569.1 psi	
	@Temperature 1400 °C, Time 10800 sec	@Temperature 2550 °F, Time 3.00 hour	

Component Elements Properties	Metric	English	Comments
ZrO2	<= 55 %	<= 55 %	

Descriptive Properties	Value	Comments
Main Applications	Zircon Ladle Brick	
Refractoriness (SK)	35=	

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