

## Chosun Refractories HM-A Special Mortar for Sliding Gate Valve

Category : Ceramic , Oxide , Aluminum 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-HM-A-Special-Mortar-for-Sliding-Gate-Valve.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-HM-A-Special-Mortar-for-Sliding-Gate-Valve.php)

Physical Properties	Metric	English	Comments
Grain Size	75 µm	75 µm	70% ≤ 0.075 mm
	500 µm	500 µm	1% ≥ 0.50 mm

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	≤ 0.981 MPa	≤ 142 psi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	≤ 2.943 MPa	≤ 426.8 psi	
	@Temperature 500 °C, Time 10800 sec	@Temperature 932 °F, Time 3.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	≤ 68 %	≤ 68 %	

Descriptive Properties	Value	Comments
Main Applications	Plate Nozzle	
Material	Al2O3	
Refractoriness (SK)	36=	

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