

## Chosun Refractories HSM-37 Heat-Setting Mortar

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-HSM-37-Heat-Setting-Mortar.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-HSM-37-Heat-Setting-Mortar.php)

Physical Properties	Metric	English	Comments
Grain Size	75 µm	75 µm	50% ≤ 0.075 mm
	300 µm	300 µm	5% ≥ 0.30 mm

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	2.4525 MPa	355.71 psi	
	@Temperature 1400 °C, Time 10800 sec	@Temperature 2550 °F, Time 3.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	65 - 70 %	65 - 70 %	
Fe2O3	≥ 3.0 %	≥ 3.0 %	
SiO2	25 - 35 %	25 - 35 %	

Processing Properties	Metric	English	Comments
Cure Time	1.00 - 3.00 min	0.0167 - 0.0500 hour	Setting Time

Descriptive Properties	Value	Comments
Main Applications	SK37 Bricks	
Refractoriness (SK)	37=	

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