

Chosun Refractories HM-S 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-S-Special-Mortar-for-Sliding-Gate-Valve.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------|---------|-----------------|
| Grain Size | 75 µm | 75 µm | 60% <= 0.075 mm |

| Mechanical Properties | Metric | English | Comments |
|------------------------|--|--|----------|
| Adhesive Bond Strength | <= 0.4905 MPa | <= 71.14 psi | |
| | @Temperature 110 °C, Time 86400 sec | @Temperature 230 °F, Time 24.0 hour | |
| | <= 4.905 MPa | <= 711.4 psi | |
| | @Temperature 500 °C, Time 10800 sec | @Temperature 932 °F, Time 3.00 hour | |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|----------|----------|----------|
| Al2O3 | <= 85 % | <= 85 % | |
| Cr2O3 | <= 1.8 % | <= 1.8 % | |

| Descriptive Properties | Value | Comments |
|------------------------|--------------|----------|
| Main Applications | Plate Nozzle | |
| Material | Al2O3-Cr2O3 | |
| Refractoriness (SK) | 38= | |

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