

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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High Strength Alkali Resistant Castable



1,Description of High Strength Alkali Resistant Castable:

Alkali-resistant castables used in cement rotary kiln are mainly made of ceramic raw materials and mixed with various other raw materials. They have excellent corrosion resistance to CaO, the effect of producing protective layer is very good, high strength, good wear resistance, low thermal conductivity and excellent thermal insulation. The product is mainly made of calcined clay clinker, which is mixed with microsilica, Calcium aluminate cement, feldspar and binder. glaze layer is produced on the surface of the product during use, which effectively improves the alkali resistance of the product. In addition, in the process of using the product, the compactness is strengthened, the structure is compact, the strength is increased, and the erosion resistance is enhanced, so it has excellent application effect.

2,Index of High Strength Alkali Resistant Castable:

| Category | | High strength resistance alkali | | |
|--------------------------------|--------------------------------|---------------------------------|----------|----------|
| Model | | JLM-14D | JLM-13D1 | JLM-13D2 |
| chemical composition% | Al ₂ O ₃ | ≤48 | ≤48 | ≥45 |
| | SiO ₂ | ≥40 | ≥40 | ≤45 |
| Bulk density g/cm ³ | 110℃*24h | ≥2.10 | ≥2.10 | ≥2.20 |
| Modulus of rupture Mpa | 110℃*24h | ≥7.0 | ≥8.0 | ≥10 |
| | 1000℃*3h | ≥7.0 | ≥8.0 | ≥10 |

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|----------------------------------|----------|---------|---------|---------|
| Cold Crushing Strength Mpa | 110℃*24h | ≥70 | ≥80 | ≥100 |
| | 1000℃*3h | ≥70 | ≥80 | ≥100 |
| Reheating linear change rate | | ≤1 | ≤1 | ≤1 |
| Heat conductivity at 350℃ W/（mk） | | 0.85 | 0.85 | 0.90 |
| Alkali resistance | | Level 1 | Level 1 | Level 1 |

3,Characteristics of High Strength Alkali Resistant Castable:

1)The product forms glass solid solution in the process of high temperature use, and its structure is very compact, and the effect of alkali corrosion resistance is greatly enhanced.

2)The product is powdery,the color is gray-white, and packed in waterproof bags for easy transportation.

4.Good feedback of product use effect,the products have been exported to Australia, Mexico, Morocco

5.The manufacturer is a professional manufacturer and can provide complete product index test reports or third-party test reports.

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

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