



## DATA SHEET

| Physical Property:                                                            |   |      |      |
|-------------------------------------------------------------------------------|---|------|------|
| Apparent Porosity(%)                                                          | ≤ | 18   | 19   |
| Bulk Density(g/cm <sup>3</sup> )                                              | ≥ | 2.95 | 2.85 |
| Cold Crushing Strength(MPa)                                                   | ≥ | 45   | 40   |
| Refractoriness Under Load(T0.6 °C)                                            | ≥ | 1700 | 1650 |
| Thermal Shock Resistance (950°C,Air Cooling)(Cycles)                          | ≥ | 120  | 100  |
| Thermal Expansion (1000°C) (%)                                                | * | 1.2  | 1.2  |
| Thermal Conductivity (1000°C)(W/m.K)                                          | ≤ | 4    | 3.8  |
| Chemical Analysis(%)                                                          |   |      |      |
| MgO                                                                           | ≥ | 82   | 78   |
| Al <sub>2</sub> O <sub>3</sub>                                                | ≥ | 10   | 10   |
| SiO <sub>2</sub>                                                              | ≤ | 1    | 3    |
| Note:All data are average values obtained at samples for laboratory purposes. |   |      |      |
| Application:Lime Kiln                                                         |   |      |      |



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