



## DATA SHEET

| Innovative Magnesia Alumina Spinel Brick RT-MA-80SA                           |   |           |
|-------------------------------------------------------------------------------|---|-----------|
| Physical Property:                                                            |   |           |
| Bulk Density(g/cm3)                                                           | ≥ | 2.90-3.05 |
| Apparent Porosity(%)                                                          | ≤ | 17        |
| Cold Crushing Strength(MPa)                                                   | ≥ | 65        |
| Refractoriness Under Load(T0.6 °C)                                            | ≥ | 1700      |
| Thermal Expansion 1200°C(%)                                                   |   | 1.4       |
| Thermal Shock Resistance 950°C /Air                                           | ≥ | 150       |
| Chemical Analysis(%)                                                          |   |           |
| MgO                                                                           | ≥ | 77-81     |
| Al2O3                                                                         | ≥ | 17-20     |
| SiO2                                                                          | ≤ | 1.2       |
| CaO                                                                           | ≤ | 1.3       |
| Fe2O3                                                                         | ≤ | 0.8       |
| Note:All data are average values obtained at samples for laboratory purposes. |   |           |