



Spinel refractories  
Technical data sheet  
SPRAM65 MG AS



| General information                     |           |                        |           |         |                |                        |
|-----------------------------------------|-----------|------------------------|-----------|---------|----------------|------------------------|
| Product properties                      |           | Average Value          |           |         | limited values |                        |
| Classification                          |           | magnesite              |           |         |                |                        |
| Main raw material                       |           | magnesite              |           |         |                |                        |
| Bonding type                            |           | Chemical Bonded        |           |         |                |                        |
| Grain size                              |           | 0-0.6mm                |           |         |                |                        |
| Working method                          |           | Mortar                 |           |         |                |                        |
| Bulk Density $kg/m^3$ ASTM C20          |           | 2700                   |           |         |                |                        |
| Liquid addition                         |           | water                  |           |         |                |                        |
| Storage limit                           |           | 6month / Dry Condition |           |         |                |                        |
| Max Service Temp                        |           | 1650°C                 |           |         |                |                        |
| CCS @ 1500 °C (Mpa) ASTM C133           |           |                        |           |         |                |                        |
| CCS @ 110 °C (Mpa) ASTM C133            |           |                        |           |         |                |                        |
| Linear Change @110°C                    |           |                        |           |         |                |                        |
| Linear Change @1500°C                   |           |                        |           |         |                |                        |
| Chemical analysis(Typical /Approximate) |           |                        |           |         |                |                        |
| $Al_2O_3$ %                             | $SiO_2$ % | $Fe_2O_3$ %            | $TiO_2$ % | $MgO$ % | $CaO$ %        | $Na_2O + K_2O + Li_2O$ |
| 2-3.5                                   | 10-11     | 2-3                    | 0.1-0.5   | 65-68   | 3.5-5          | 0.2-0.8                |