

Sliding Gate Systems

| Nozzle Refractory Parameters | | | | |
|-------------------------------------|-------------------|-------|-------|-------|
| Item | | Brand | | |
| | | MN-60 | MN-70 | MN-80 |
| Al ₂ O ₃ | % | >72 | >70 | >80 |
| SiO ₂ | | | | |
| ZrO ₂ | | | >5 | |
| C | | >3 | >7 | >3 |
| Bulk Density | g/cm ³ | >2.8 | >2.9 | >2.9 |
| apparent porosity | % | <10 | <10 | <10 |
| Anti-Pressure in normal temperature | MPa | >80 | >80 | >80 |

| Sliding Gate Plate Parameters | | | | | | |
|--------------------------------------|-------------------|-------|-------|-------|-------|-------|
| Item | | Brand | | | | |
| | | MP001 | MP003 | MP004 | MP005 | MP006 |
| Al ₂ O ₃ | % | >72 | >74 | >80 | >95 | |
| SiO ₂ | | | <6 | | | |
| ZrO ₂ | | >2 | >6 | >3 | | |
| C | | >7 | >7 | >6 | | |
| MgO | | | | | | <3 |
| Bulk Density | g/cm ³ | >2.8 | >3,1 | >3,1 | >3,1 | >4,6 |
| apparent porosity | % | <8 | <8 | <8 | <20 | <20 |
| Anti-Pressure in normal temperature | MPa | >110 | >125 | >125 | >125 | >80 |
| Bending strength in high temperature | MPa | >8 | >10 | >10 | | |

