



FUSED CAST ALUMINA BLOCK

Introduction:

α Alumina TY-A: TY-A is an ideal product for the lower temperature zones of the glass melting furnaces due to its high density, superior corrosion resistance and low blister potential. It is also an ideal material for Metallurgical Titanium Furnace because the superior thermal stability.

Physical and chemical index

| Item | | FUSED CAST ALUMINA |
|--------------------------------|--|-----------------------|
| | | α Alumina TY-A |
| Chemical Composition % | Al ₂ O ₃ | 98.5 |
| | SiO ₂ | 0.4 |
| | NaO ₂ | 0.9 |
| | Other oxides | 0.2 |
| Crystallographic Analysis % | α -Al ₂ O ₃ | 90 |
| | β -Al ₂ O ₃ | 4 |
| | Vitreous Phase | 6 |