

Wedge

Tap Hole Clay

High Performance | Low Cost | Long Life



Tap Hole Clay | Technical Datasheet

Wedge offers wide range of Tap Hole Clays with varying range of Alumina from low to high Al₂O₃ clays for high-production multiple Tap Hole blast furnaces. High Alumina, SiC and FeSi₃N₄ Taphole Clay for very high output Blast Furnaces (>12,000 ton/day). Alumina-based Taphole Clay for low pressure Blast Furnaces.

Features

- Good Injection
- Good plasticity
- Controlled grain size
- Easy opening
- Low wear rate

Benefits

- Increased production
- Reduced inter-cast time
- High casting time
- Reduced operation cost



Product Application	: Tap-Hole Clay for Blast Furnace
Base Raw Material	: Bauxite- Silicon Carbide
Maximum Grain Size (mm)	: 1
Nature of bond	: Organic- Ceramic
Shelf Life, Months	: 6
Mode of Application	: Extrusion
Apparent Density after reduce coking at 800°C, Kg/m ³	: 1990 - 2250
Crushing Strength After reduce coking at 800°C, N/m ²	: 10
Al ₂ O ₃ , %	: 40 - 47
SiO ₂ , max %	: 34
Fe ₂ O ₃ , max %	: 2
TiO ₂ , max %	: 2
SiC, min %	: 13 – 15
FC, min %	: 12
LOI at 1000°C	: 24
Particle size distribution	< 100 μm : 32 % < 200 μm : 52 % < 500 μm : 79 %

