Alumina Castable 35% Al2O3 P-CAST-A35

Castables & Ramming Mixes

Material type: Dense refractory concrete (Conventional Castable)
Raw material basis: Fireclay

Al2O3	Bulk density	Grain size	Cold crushing strength (...
Min. 22 %	**Approx. 2 g/cm³**	**0 – 5 mm**	**250 – 450 kg/cm²**

Applications

- Linings of furnaces and thermal equipment up to 1250 °C
- General refractory linings and repairs

Chemical analysis

Component	Value	Unit
Al_2O_3	Min. 22	%
CaO	8 – 10	%

Physical properties

Property	Value	Unit
Bonding system	Hydraulic	
Grain size	0 – 5	mm
Maximum service temperature	1250	°C
Bulk density	Approx. 2	g/cm³
Cold crushing strength (110 °C)	250 – 450	kg/cm²

Packaging & storage

Packaging: 40 kg bags (dry mix, water is added on site)
Shelf life: 6 months (dry, cool, frost-free place)

Notes

Installation: casting with vibration; water addition and drying according to the manufacturer's instructions.

The values in this datasheet are typical results of laboratory tests on production samples and do not constitute a guaranteed specification. Consult the Pas Espadana technical team for your specific application.

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