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SGP A90 - PF

Type of product : **PLASTIC REFRACTORY MIX**
 Maximum recommended temperature : 400 - 1750°C
 Main component : Tabular alumina
 Nature of bond : Chemical
 State of delivery : Ready to use
 Packing : 25 kg bucket
 Storing time : 9 months in normal storing conditions
 Method of installation : Trowelling
 Amount of tempering water : N/A
 Grain size : 1.5 mm

CHARACTERISTICS	Standards or methods	Units	Typical values
<u>CHEMICAL ANALYSIS</u> (after calcination)			
Al ₂ O ₃	FLUO X	%	90.8
SiO ₂		%	4.7
Fe ₂ O ₃		%	0.3
P ₂ O ₅		%	3.6
<u>PHYSICAL CHARACTERISTICS</u>			
- Bulk density : after drying at 110°C after firing at 1500°C	ISO 5017	g.cm ⁻³ g.cm ⁻³	2.75 -
- Cold crushing strength : after drying at 110°C : after firing at 1600°C	EN 993-5	MPa MPa	15 30
- Thermal conductivity : at 800°C : at 1000°C : at 1200°C	ISO 8894-2	W.m ⁻¹ .K ⁻¹ W.m ⁻¹ .K ⁻¹ W.m ⁻¹ .K ⁻¹	1.90 2.08 2.09
- Permanent change of dimensions after firing 5 hours at 1600°C	EN 993-10	%	-1.0

SAVOIE REFRACTAIRES - 10 rue de l'Industrie-BP1 - 69633 Vénissieux Cedex-France

Tel : +33 (0)4 78 78 13 00 – Fax : +33 (0)4 78 78 13 50

Les valeurs annoncées sont des moyennes de fabrication courante. Elles ne peuvent être retenues comme limites pour une spécification./This information represents average properties and cannot be considered as a guarantee specification.

