

TECHNICAL DATA SHEET

Silzot® FS-X1

Description: Silzot® FS-X1 injection moulding feedstock (with 15-20% polymers and sintering additives) for production of sintered silicon nitride ceramics.

Chemical

Characteristics: (after debinding)	α - Si_3N_4	min. 86 %
	O- content	max. 6.0 %
	C- content	max. 0.2 %
	Fe- content	max. 0.1 %
	Ca- content	max. 0.03 %

Physical

Characteristics:

Inorganic

Components: SSA min. 11 m²/g

Organic

Components: Mould Temp. 150-160°C

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