

# TECHNICAL DATA SHEET

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## Silzot® RTP-X3

**Description:** Silzot® RTP is a spray dried granulated silicon nitride powder containing processing and sintering additives ( $\text{Al}_2\text{O}_3$  and  $\text{Y}_2\text{O}_3$ ).

### Chemical

<b>Characteristics:</b>	$\alpha$ - $\text{Si}_3\text{N}_4$	min. 86 %
(after debinding)	O- content	max. 6.0 %
	C- content	max. 0.2 %
	Fe- content	max. 0.03 %
	Ca- content	max. 0.03 %

### Physical

<b>Characteristics:</b>	SSA	min. 11 $\text{m}^2/\text{g}$
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