

INMAPOM

Ceramic Feedstocks – Product programme

	Ceramic Powder	Colour	Particle Size d_{50}	Theoret. Density	Sintering Temperature	Atmosphere
Al₂O₃ - Feedstocks						
INMAPOM K3008	Al ₂ O ₃ , 96.0 %	white	1.8 - 2.2 µm	3.80 g/cm ³	1,620 °C	in air
INMAPOM K3030	Al ₂ O ₃ , 99.7 %	white	0.5 µm	3.88 g/cm ³	1,610 °C	in air
ZrO₂ - Feedstocks						
INMAPOM K3012	ZrO ₂ 3Y (Tosoh)	white	0.6 µm	6.05 g/cm ³	1,500 °C	in air
INMAPOM K3017	ZrO ₂ 3Y (Tosoh)	black	0.6 µm	5.96 g/cm ³	1,500 °C	in air

To all INMAPOM-Feedstocks applies:*

Debinding: single step catalytic debinding

Processing temperatures: approx. 170 - 175 °C

Mould temperature: approx. 125 - 138 °C

* Process conditions are depending on part dimension and design.



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