



PRECISION THROUGH QUALITY

STANDARD FEEDSTOCKS

Feedstock	Ceramic Powder	Particle Size D50	Theoretical Density	Sintering Temperature in Air [°C]
INMAFEED K1008	Al ₂ O ₃ , 96 %	2.3 µm	3.72 g/cm ³	1,620
INMAFEED K1009	ZrO ₂ , 94.5 %, partly Y ₂ O ₃ – stabilised TZ-3YE (Tosoh Corp.)	0.6 µm	6.05 g/cm ³	1,400 – 1,450
INMAFEED K1010	Al ₂ O ₃ , 99.5 %	1.0 µm	3.99 g/cm ³	1,680
INMAFEED K1012	ZrO ₂ , 94.5 %, partly Y ₂ O ₃ – stabilised TZ-3YS-E (Tosoh Corp.)	0.6 µm	6.05 g/cm ³	1,500
INMAFEED K1013	Al ₂ O ₃ , 99.8 %	0.5 µm	3.94 g/cm ³	1,600 – 1,650
INMAFEED K1015	ZrO ₂ , 94.5 %, partly Y ₂ O ₃ – stabilised TZ-Black (Tosoh Corp.)	0.4 µm	6.00 g/cm ³	1.400 – 1.500

To all Standard Feedstocks applies:

Debinding: 2 step water & thermal *

Processing temperature: 150 °C – 160 °C *

Mould temperature: 50 °C – 65 °C *

* Detailed conditions are depending on part dimension and design.

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