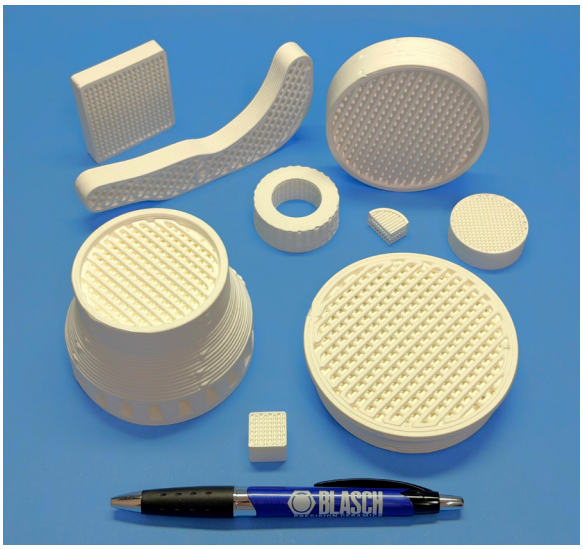
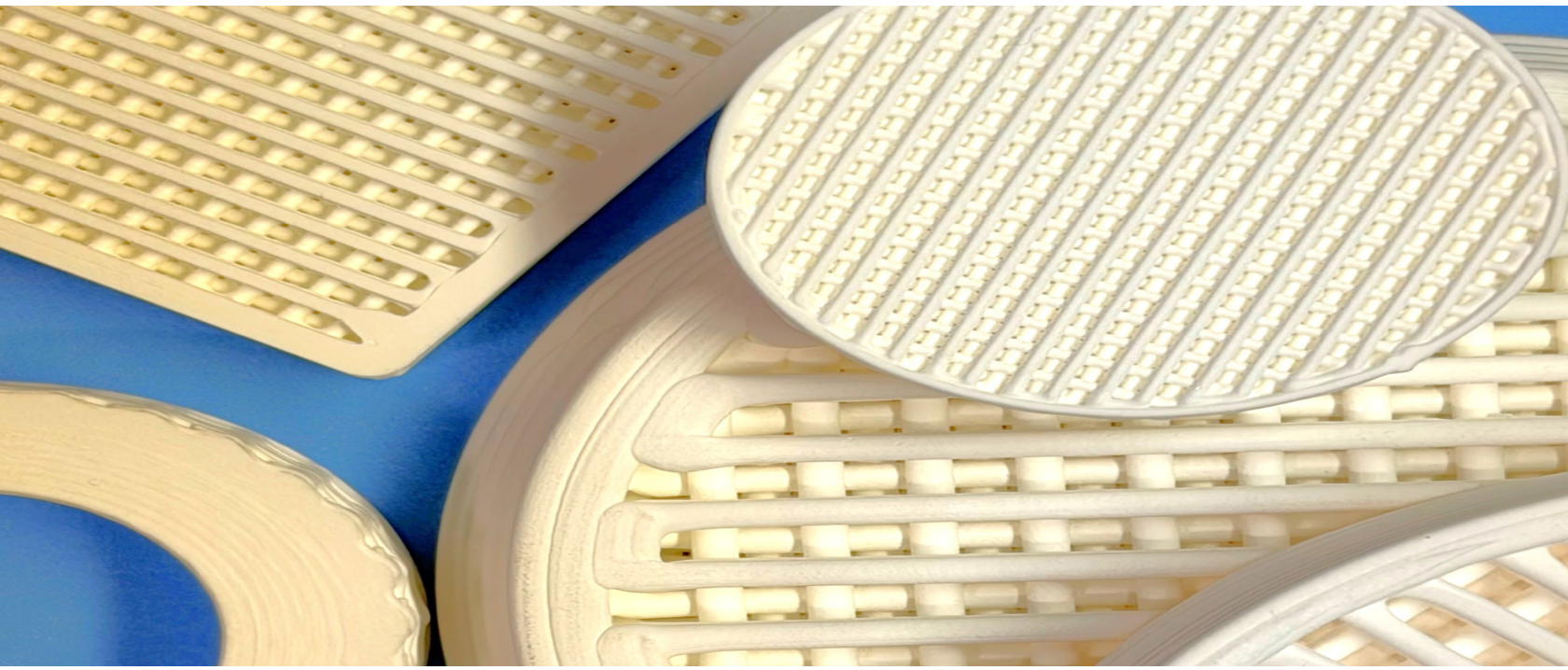
BLASCH PROCASTER™ 3D PRINTED FILTERS

Count on Advanced Ceramic Filtration to Improve Metal Cleanliness and Casting Performance

Specifically engineered for molten metal applications, ProCaster™ 3D Printed Filters combine advanced additive manufacturing with high-performance ceramic materials to deliver superior inclusion removal, predictable flow control, and improved casting quality.

The precision 3D-printed lattice structure creates a controlled flow path that maximizes impurity capture while minimizing turbulence, resulting in cleaner metal, improved mold fill, and greater process consistency. Unlike conventional foam filters, the repeatable filter geometry ensures reliable, consistent filtration performance from part to part.





Key Benefits of Blasch ProCaster™ 3D Printed Filters

- No line-of-sight flow paths help reduce inclusions and improve metal cleanliness
- Predictable flow and reduced turbulence support consistent mold filling and casting quality
- Repeatable 3D-printed geometry delivers reliable filtration performance from part to part
- Exceptional mechanical strength resists chipping, flaking, and friability
- Multiple ceramic compositions available for ferrous and non-ferrous applications
- Designed to withstand demanding foundry operating conditions

Contact us today to learn how Blasch ProCaster™ 3D Printed Filters can improve your filtering process.

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