

AKRON CERAMICS

Patent-pending

BOTTOM FILL POUR SYSTEM

Reduce pour turbulence

Achieve more consistent runs

Reduce scrap by 25%

Improve surface quality



AKRON Porcelain & Plastics Company announces a breakthrough patent-pending technology: Bottom Fill Pour System (BFPS). BFPS is the new industry standard in the air-melt investment casting industry. How does it work? This new ceramic-based technology consists of a pouring system that fills conventional molds from the bottom of the shell upward. As pouring progresses, impurities are trapped above the pour and defects are greatly reduced. The amount of molten metal turbulence created within the pour is drastically minimized through this method. Consistent fills of castings are achieved without modifying current shell and pouring practices.

The benefits of BFPS technology are considerable. Research has confirmed that a more consistent fill of each pour significantly reduces scrap and improves cosmetic appearance for all high-profile castings. Scrap reductions of 25% are being traced with a test user, and commensurate savings in total dollar costs are already being realized. BFPS yields the highest-quality, lowest-flaw castings in the industry. For top-dollar savings, start at the bottom with the Bottom Fill Pour system - exclusively from AKRON.



The Bottom Fill Pour System provides improved venting during the pour. This results in superior quality and cost savings for castings that range in design from simple to complex.



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Custom-Molded Ceramics
Investment Casting