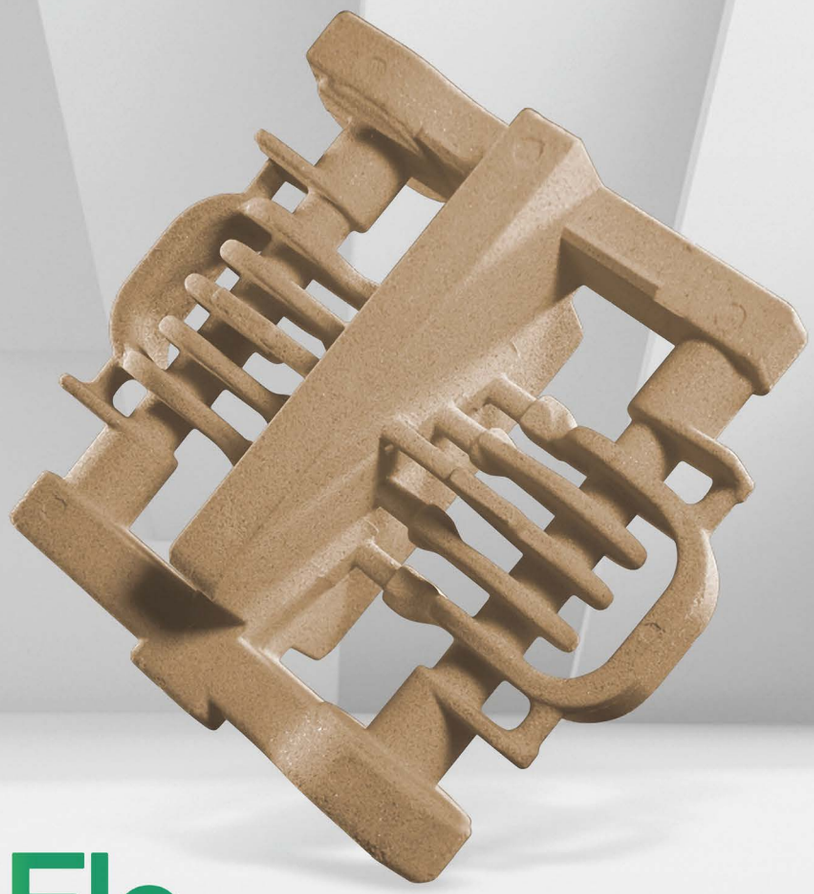
EcoFlo 3.0

The Next Generation of Resin Coated Sand



EcoFlo 3.0
RESIN COATED SAND

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Where is it made?

HA's resin coated sand manufacturing plant is located in Oregon, IL. It has been in operation for nearly 50 years and accounts for 60% of the available market share in North America. All recipes are custom-tailored to the needs of the foundry.

What is EcoFlo 3.0?

EcoFlo 3.0 is an environmental resin coated sand that is part of the HA Group EcoMission product line. It is designed to reduce ammonia and formaldehyde emissions while improving humidity resistance compared to other environmental grades. EcoFlo 3.0 maintains strength in shell cores, emits minimal ammonia, and, most importantly, reduces lumping propensity, even in hot and humid conditions.

BENEFITS

- → Drop-in replacement for the incumbent grade
- → Higher sand tonnage allowance within the same
- → VOC permit tier
- → Lower core-making emissions for an improved operator environment
- → Potential to improve cycle

REDUCED EMISSIONS

~~Reduced Emissions~~

70% reduction in ammonia and formaldehyde emissions when compared to conventional formulas

HIGH HUMIDITY RESISTANCE

Increased humidity resistance is substantial, especially when compared to other environmental grades of resin coated sand

LOW LUMPING

Reduced lumping means better flowability in hot and humid climates, which also reduces the need for additional processing

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