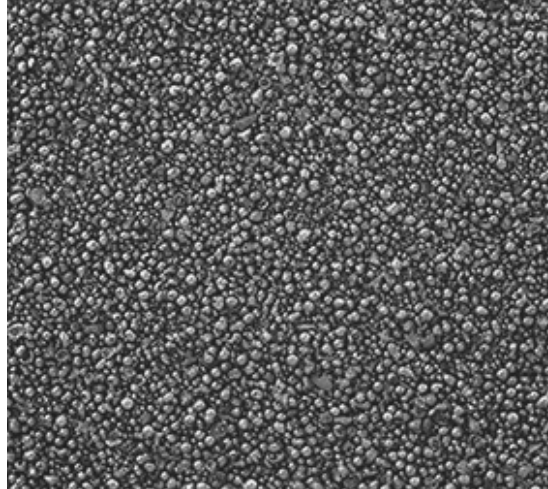


PRODUCT DATA SHEET



SphereOx® works better than every other sand additive at reducing the most casting defects in cold-box, warm box, no-bake, and resin-coated sand mold/core applications.

With SphereOx®, foundries can achieve castings with less veining, penetration, pinholes, shrink, burn-in, and lustrous carbon. SphereOx® is the ideal additive to minimize the use of costly gas-generating resin binder systems while enhancing mold strength.

SphereOX® is the only predominantly spherical, extremely pure iron additive in the foundry industry. SphereOX® contains a higher FE content than any other commercially available oxide product.

When used as an additive in foundry cores/molds, SphereOX® significantly reduces surface defects and improves the quality of the castings. It has excellent flow properties and requires less resin to achieve the required mold core bond strength.

Foundry workers love SphereOX®. It is virtually dust-free, non-staining, and thus provides a much cleaner work environment.

Screen Size Specification Typical % Retained

40	<05	1-4%
70	>25	25-70%
100	>30	40-85%
140	>60	70-95%
200	>80	90-99%
270	>96	96-100%

SphereOx also lowers emissions for a lower carbon footprint.

SphereOx®

- Reduces casting defects
- Reduces overall costs
- Requires less resin binder
- Increases mold tensile strength
- Has excellent flow properties
- Eliminates need for specialty sand
- Enhances mold permeability
- Reduces blow tube and vent plugging
- No dust - improves work environment

CHEMICAL ANALYSIS

Fe - >73%, C - <1%, Mn - <1%,

P - <1%, S - <1%, Si - <1%