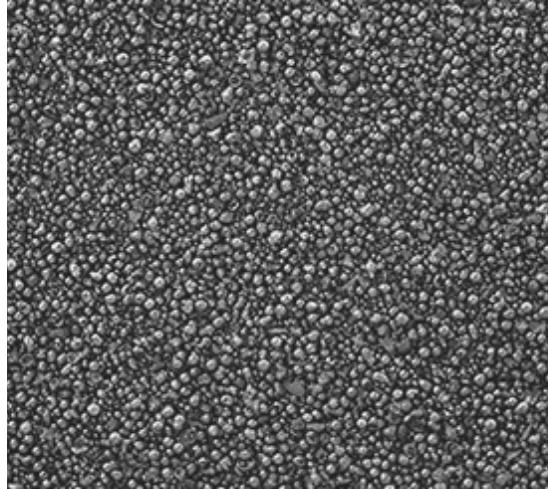


PRODUCT DATA SHEET



FineOx® is an economical, high purity synthetic iron oxide product developed and produced by Chesapeake Specialty Products, Inc. for the foundry industry. FineOx® is free from contaminants such as oil, moisture, acid salts, slag and gangue minerals.

While FineOx® may not eliminate as many casting defects as SphereOx®, it will reduce the majority of defects foundries commonly see. FineOx® is a great alternative for foundries looking to balance cost and casting finish.

FineOx®

- Produces higher tensile strength in cores.
- Produces quality finish to castings.
- Reduces spalling and pinholes on the surface of the casting. Reduces thermal expansion of the compacted sand. Reduces gas generated by the mold and/or cores.
- Reduces smoke and other emissions.
- Allows for lower levels of binder.

CHEMICAL ANALYSIS

Fe, Fe₂O₃, Fe₃O₄ - 99% +
Fe - 71% +, O - 29% +, C - <1%, Mn - <1%,
P - <1%, S - <1%, Si - <1%

**Screen Size Specification
Typical % Retained**

Sieve #	FineOx 80	FineOx 155	FineOx 200	FineOx 300
40	< 4%	NA	NA	NA
50	< 15%	< 5%	<5%	NA
200	90-95%	55-75%	40-65%	NA
270	96-99%	70-80%	60-75%	< 15%
AFS	75	155	190	300