OXYTRON™ 015XD - OXIDE BONDED SILICON CARBIDE

OXYTRON 015XDII is Blasch's latest generation Oxide Bonded Silicon Carbide, developed for exceptional wear and corrosion resistance. It can be formed into very intricate and precise shapes with the Blasch process, and exhibits outstanding thermal shock and abrasion resistance coupled with excellent non-wetting characteristics for nonferrous metallurgical applications. This combination of features makes OXYTRON 015XDII an exceptional option across multiple markets and applications.

Benefits of OXYTRON:

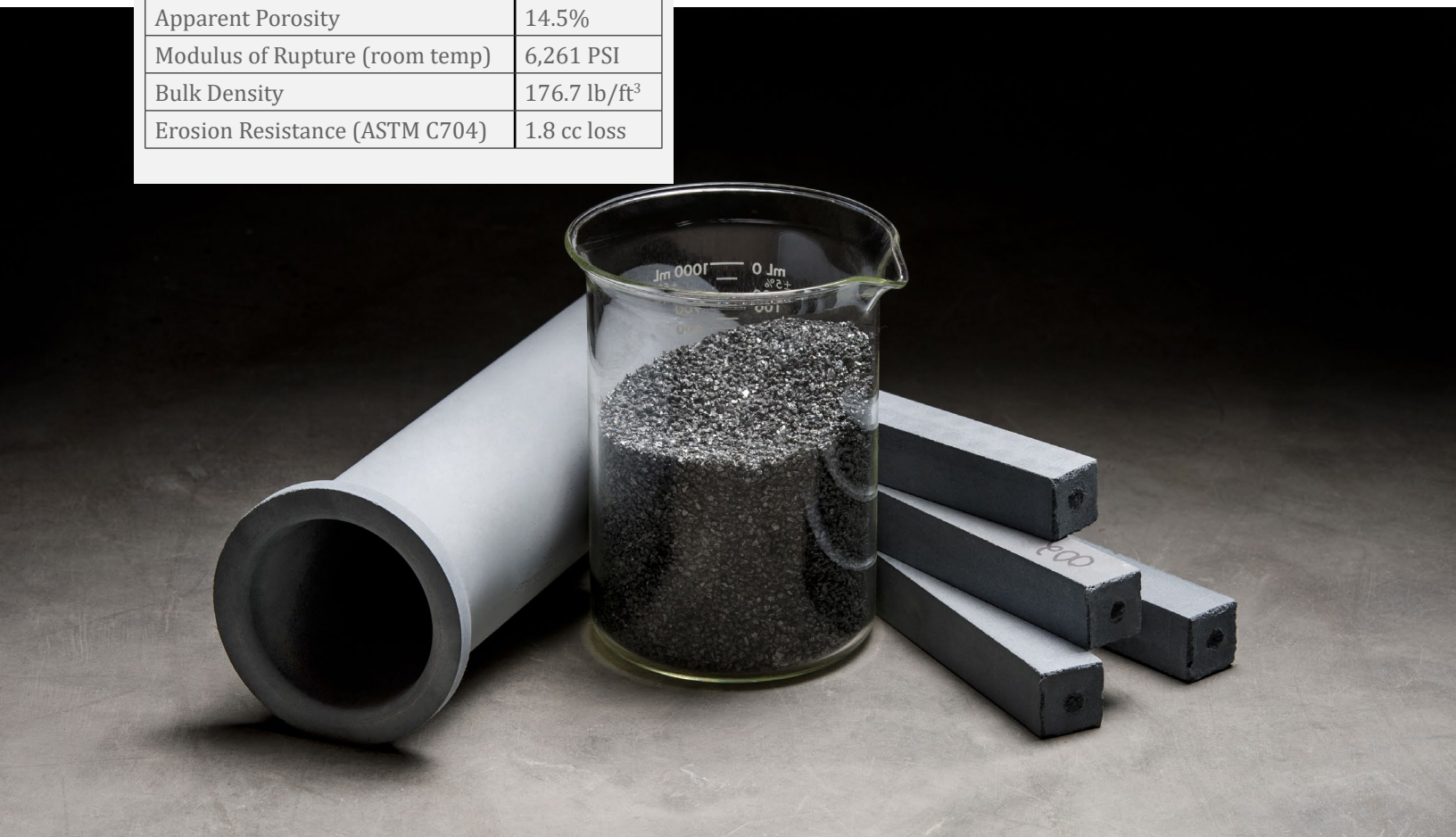
- High dimensional tolerance
- Superior thermal shock
- Oxidation resistance
- Smoother surface compared to cast iron
- Completely non-wetting to aluminum
- No coating required

Typical Applications:

- Micronizer Linings
- Duraladle Auto Ladle
- Bricks and Linings
- Launders and Tundishes
- Stopper Rods, Metering Pins
- Rotary Degassers
- Immersion Heater Tubes
- Nozzles, Down Spouts, Pour Spouts

Key Material Properties

Composition	64% SiC 27% Al_2O_3 3.4% SiO_2
Apparent Porosity	14.5%
Modulus of Rupture (room temp)	6,261 PSI
Bulk Density	176.7 lb/ft^3
Erosion Resistance (ASTM C704)	1.8 cc loss



580 Broadway | Albany, NY 12204 | 518-436-1263 | 800-550-5768 | blaschceramics.com