ZYAROCK®

Glass Melting Pots - Purity, Durability and Efficiency

Partners in performance with Fused Silica
A Customized Solution

Quality and efficiency
Vesuvius offers ZYAROCK® melting pots for the melting of different glass types such as borosilicate, optical glass, coloured glass, opal glass, crystal glass, electronic glass, and other formulations.

Advantages
- Ready to use product
- No preheating or conditioning
- Amorphous SiO₂ material structure provides excellent glass melt condition
- Consistent material behaviour throughout the industrial manufacturing process
- Customized shapes
- High purity composition
- Proven comparable results vs. Fused Quartz
Unique Product Properties

Vesuvius’ values
Vesuvius applies rigid quality assurance and quality control procedures based on international standards.

Thermal conductivity
1.396 W/m.k(1000°)

Physical properties
• Bulk density 1.94 g/cm³
• Thermal expansion 0.6 \times 10^{-6} \text{C}^{-1}

Storage and unpacking conditions
• Store and unpack in a dry place
• Should the material become damp during storage, simply dry at 90°C for 24 hours minimum before use.

Chemical analysis
• SiO₂ > 99.7%
• Fe₂O₃ < 0.02 %

<table>
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<th>VESUVIUS Ref.</th>
<th>OD (mm)</th>
<th>ID (mm)</th>
<th>H (mm)</th>
<th>V (liters)</th>
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Complementary products
Gathering Rings
Vesuvius provides a wide range of ZYAROCK® gathering rings, available from 150 to 650 mm diameter.

Gathering Balls
Vesuvius provides a complete range of ZYAROCK® gathering balls, available from 30 to 220 mm.