



Fused Silica Shapes

DESCRIPTION: High-purity slip-cast shapes made exclusively from fused silica aggregate.

USES INCLUDE: Shrouds.
Stopper rods.
Nozzles.
Blocks.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate % by weight)

SiO ₂	99.45%
Al ₂ O ₃	0.50%
Fe ₂ O ₃	0.03%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	12.0
Bulk Density pcf (g/cm ³):	113 (1.91)
Cold Crushing Strength psi (MPa):	4350 (30)

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally and as a function of size and shape. This form is not intended to be used for purposes of specification; it is informational only.

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