

FUSED SILICA SHAPES

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

USES INCLUDE: Shrouds, stopper rods, nozzles, blocks

CHEMICAL ANALYSIS: (Weight %)

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

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity, %	12
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.