

Techne ceramic beads

DATASHEET

Item: Techne ceramic beads
Part number: FTCOOLBE
Pack size: 1 bag, 1.7Kg
Volume: 1 bag = 0.78L (460ml per Kg)
Applications: Heating and cooling sample tubes, as pictured:



BACKGROUND INFORMATION

Manufactured from high density 90% ceramic alumina and fired in high temperature kilns, Techne ceramic beads are well-shaped, uniformly dense and structurally homogeneous. With characteristically high mechanical strength and durability, they are predominantly well-suited to being a thermal transfer medium and also as a grinding medium in the pharmaceutical and chemical industries. Clean with mild laboratory detergent. Sterilise in an autoclave for 15 minutes at 121-124°C (200 kPa).

PHYSICAL CHARACTERISTICS

Al ₂ O ₃	90%
Specific weight (gr/cm ³)	3.55
Density of loose material (kg/l)	2 – 2.1
Hardness (Mohs scale)	9
Porosity	0
Colour	White
Size (mm)	1.5 – 2.5