

Specification Sheet

ZIRCONIUM OXIDE Crucibles

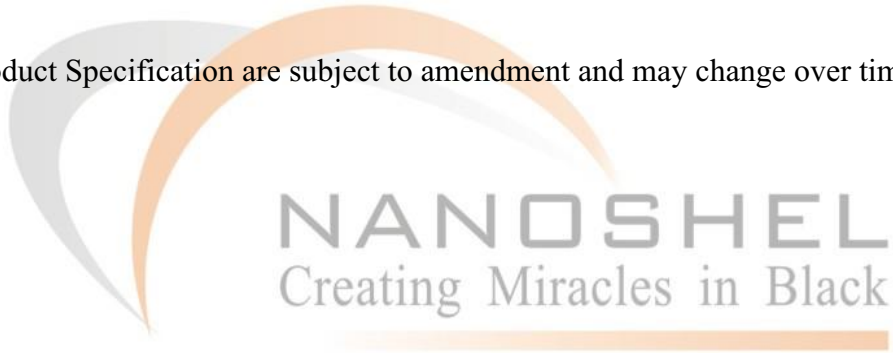
(Available Sizes 5ml – 100ml)

Stock No: NS6130-10-1019, CAS: 1314-23-4

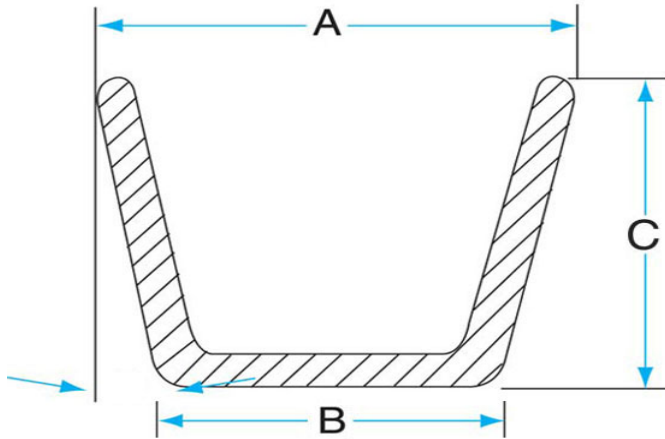
Product	:	Zirconium Oxide Crucible
Stock No.	:	NS6130-10-1019
Purity	:	>99.9%
Capacity	:	5ml
Density	:	6.01 g/cm ³
Hardness	:	13.2
Thermal Conductivity	:	2.6 W/m•K(20°C)
Thermal Resistance	:	300 °C
Elasticity	:	200 GPa
Flexural Strength	:	900 MPa
Compressive Strength	:	2600 MPa
Max Service Temp	:	2200-2300 °C
Dielectric Strength	:	11×10 ⁶ V/m
Lid	:	Available In All Sizes (Get Quote)
NS6130-10-1019 (A)	:	Capacity: 5ml, Top Dia: 25mm (0.98in), Bottom Dia: 15mm (0.59in), Height: 28mm (1.1in)
NS6130-10-1019 (B)	:	Capacity: 10ml, Top Dia: 29mm (1.14in), Bottom Dia: 18mm (0.71in), Height: 34mm (1.34in)
NS6130-10-1019 (C)	:	Capacity: 20ml, Top Dia: 35mm (1.38in), Bottom Dia: 24mm (0.94in), Height: 42mm (1.65in)

NS6130-10-1019 (E)	:	(1.18in), Height: 54mm (2.05in) Capacity: 100ml, Top Dia: 48mm (1.89in), Bottom Dia: 36mm (1.38in), Height: 68mm (2.68in)
NS6130-10-1019 (F)	:	Capacity: 150ml, Top Dia: 66mm (2.6in), Bottom Dia: 40mm (1.57in), Height: 80mm (3.15in)
NS6130-10-1019 (G)	:	Capacity: 250ml, Top Dia: 79mm (3.11in), Bottom Dia: 42mm (1.65in), Height: 93mm (3.66in)
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time



Characterization of ZIRCONIUM OXIDE Crucibles



Metal Crucible Line Diagram



NANOSHEL
Creating Miracles in Black