

Specification Sheet

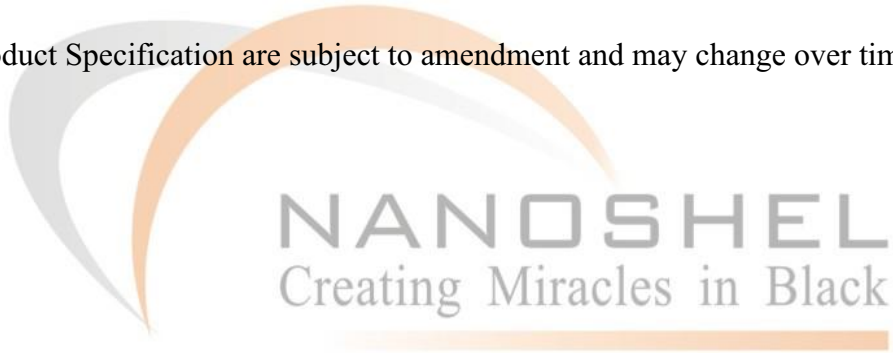
ALUMINUM OXIDE Crucibles

Stock No: NS6130-10-1017, CAS: 1344-28-1

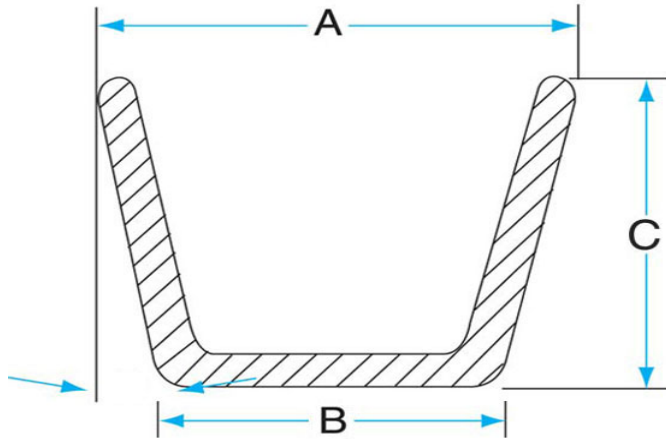
Product	:	Aluminum Oxide Crucible
Stock No.	:	NS6130-10-1017
Purity	:	>99.9%
Capacity	:	5ml
Density	:	3.90 g/cm ³
Thermal Conductivity	:	30 W/m•K
Boiling Point	:	2977 °C
Melting Point	:	2072 °C
Bending Strength	:	> 350 Mpa
Compressive Strength	:	2200 Mpa
Dielectric Strength	:	15×10 ⁶ V/m
Max Service Temp	:	1800 °C
Hardness	:	17.1 GPa
Lid	:	Available In All Sizes (Get Quote)
NS6130-10-1017 (A)	:	Capacity: 5ml, Top Dia: 25mm (0.98in), Bottom Dia: 15mm (0.59in), Height: 28mm (1.1in)
NS6130-10-1017 (B)	:	Capacity: 10ml, Top Dia: 29mm (1.14in), Bottom Dia: 18mm (0.71in), Height: 34mm (1.34in)
NS6130-10-1017 (C)	:	Capacity: 20ml, Top Dia: 35mm (1.38in), Bottom Dia: 24mm (0.94in), Height: 42mm (1.65in)

		(1.89in), Bottom Dia: 30mm
		(1.18in), Height: 54mm (2.05in)
NS6130-10-1017 (E))	:	Capacity: 100ml, Top Dia: 48mm
		(2.28in), Bottom Dia: 35mm
		(1.38in), Height: 68mm (2.68in)
NS6130-10-1017 (F)	:	Capacity: 150ml, Top Dia: 66mm
		(2.6in), Bottom Dia: 40mm
		(1.57in), Height: 80mm (3.15in)
NS6130-10-1017 (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 ALUMINUM OXIDE Crucibles



Metal Crucible Line Diagram



NANOSHEL
Creating Miracles in Black