

Specification Sheet

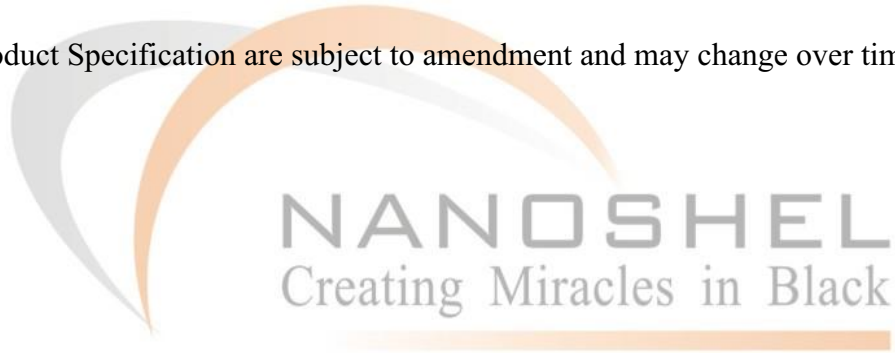
Molybdenum Crucible

Stock No: NS6130-10-1254, CAS: 7439-98-7

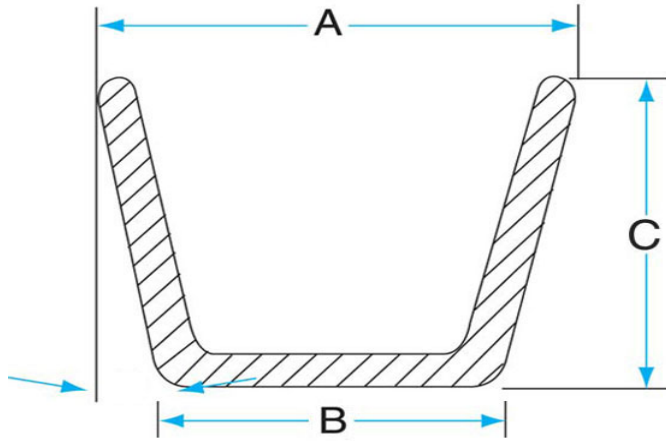
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|-------------------------------|---|--|
| Product | : | Molybdenum Crucible |
| Stock No. | : | NS6130-10-1254 |
| Purity | : | >99.9% |
| Capacity | : | 5ml |
| Density | : | 10.2 g/cm ³ |
| Tensile strength | : | 687MPa |
| Thermal Conductivity | : | 98.8W/M.K (1400°C) |
| Boiling Point | : | 4639 °C |
| Melting Point | : | 2623 °C |
| Resistivity | : | 53.1Ω.cm (1730°C) |
| Vapor pressure | : | 7.09 X 10 ⁻⁶ Pa (1600 oC) |
| Modulus | : | 350MPa |
| Thermal expansion coefficient | : | 6.2 X 10 ⁻⁶ K ⁻¹ |
| Lid | : | Available In All Sizes (Get Quote) |
| NS6130-10-1254 (A) | : | Capacity: 5ml, Top Dia: 25mm (0.98in), Bottom Dia: 15mm (0.59in), Height: 28mm (1.1in) |
| NS6130-10-1254 (B) | : | Capacity: 10ml, Top Dia: 29mm (1.14in), Bottom Dia: 18mm (0.71in), Height: 34mm (1.34in) |
| NS6130-10-1254 (C) | : | Capacity: 20ml, Top Dia: 35mm (1.38in), Bottom Dia: 24mm (0.94in), Height: 42mm (1.65in) |

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|------------------------------|---|---------------------------------|
| | | (1.89in), Bottom Dia: 30mm |
| | | (1.18in), Height: 54mm (2.05in) |
| NS6130-10-1254 (E) | : | Capacity: 100ml, Top Dia: 48mm |
| | | (2.28in), Bottom Dia: 35mm |
| | | (1.38in), Height: 68mm (2.68in) |
| NS6130-10-1254 (F) | : | Capacity: 150ml, Top Dia: 66mm |
| | | (2.6in), Bottom Dia: 40mm |
| | | (1.57in), Height: 80mm (3.15in) |
| NS6130-10-1254 (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 Molybdenum Crucible



Metal Crucible Line Diagram

