

SPECIFICATION

Calcium

Parameters	Specification
CAS Number	7440-70-2
Appearance	Silvery-white, soft metallic solid
Molecular Weight	40.08 g/mol
Boiling Point	1484 °C
Flash Point	500 °C
Purity	99.5–99.99%
Refractive Index	Not applicable
Solubility	Reacts with water to form calcium hydroxide; sparingly soluble
Uses	Essential element for steelmaking and alloys; desulfurization; nutritional supplement in small amounts; chemistry and electronics applications