

SPECIFICATION

Silicon Carbide

Parameters	Specification
CAS Number	409-21-2
Appearance	Dark grey to black, crystalline, shiny solid particles
Molecular Formula	SiC
Molecular Weight	40.10 g/mol
Boiling Point	4000 °C
Melting Point	2700 °C
Flash Point	2500 °C
Purity	98–99%
Refractive Index	2.65
Solubility	Practically insoluble in water; insoluble in acids; unaffected by most solvents
Uses	Abrasive, refractory material, high-temperature ceramics, semiconductor substrate for high-power devices

📞 +91-9227788155 | +91-9227788115 | +91-9227070667 | +91-260-6618618

✉ info@triveniinterchem.com | info@trivenichemical.com

🌐 www.triveniinterchem.com | www.trivenichemical.com

📍 135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India



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