

Typical Product Specifications & Properties

Tetrachlorosilane

CAS Number: : 10026-04-7

Specifications	Limits
Molecular weight	169.90
EINECS	233-054-0
SMILES	<chem>[Si](Cl)(Cl)(Cl)Cl</chem>
InChI	1S/Cl4Si/c1-5(2,3)4
InChIKey	FDNAPBUWERUEDA-UHFFFAOYSA-N
Water solubility	reacts
Sensitive	Moisture Sensitive
Vapor Density	5.86
Refractive Index	1.413
Merck	14,8500
Vapor Pressure	420 mm Hg (37.7 °C)
Stability	Stability Moisture sensitive - reacts violently with water. Incompatible with water, acids, bases, alcohols, alkali metals, organics, powdered metals.



Specifications	Limits
Melting Point	-70 °C
Flash Point	57.6°C
Density	1.483 g/mL at 25 °C
Boiling Point	57.6 °C