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Typical Product Specifications & Properties

Iron

CAS Number: : 7439-89-6

Specifications	Limits
Molecular weight	55.85
EINECS	231-096-4
SMILES	[Fe]
InChI	1S/Fe
InChIKey	XEEYBQQBJWHFJM-UHFFFAOYSA-N
Boiling Point	2750 °C
Water solubility	INSOLUBLE
Flash Point	>230 °F
Solubility	H2O: soluble
Merck	13,5109
Stability	Stable. Reacts slowly with moist air and water. Dust may form an explosive or combustible mixture with air. Incompatible with organic acids, strong oxidizing agents, water, mineral acids.
Form	wire



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Specifications	Limits
Melting Point	1535 °C
Storage Temperature	-70°C
Density	7.86 g/mL at 25 °C
Sensitive	Moisture Sensitive



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