Technical Data Sheet

Iridium oxide

CAS No.	12030-49-8
Formula	IrO_2
Molar Mass (gm/mol)	224.22
Grade	RM HC 798
Appearance	Brown to black
Metal Content	85.73%
Melting Point (°C)	1100°C Dec.

Storage Condition

- Store in a tightly closed container at ambient temperature.

Application

- catalysis, electrochemical sensing, and use in medical devices due to
- its stability and electrical properties. Key applications include being an anode catalyst in water electrolysis,
- a component in electrochromic layers for smart windows, an indicator in pH sensors,
- and a coating for stimulating electrodes in neuroprosthetics and other medical implants