



Johnson Matthey
Chemical Products

Iridium black



Product name
Iridium black

Chemical formula
Ir

Product code*
UK - 160000
US - C2026

* This product can be ordered worldwide under the UK and US product codes.

CAS Number
7439-88-5

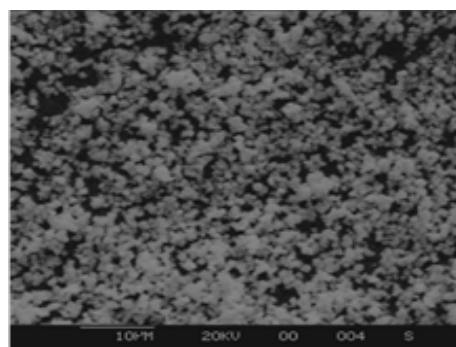
Product family
Metal powder

Process
Electrocatalysis

Market
Gas sensors

Benefits

Iridium black is a high specific surface area catalyst. It is suitable for use as an electrocatalyst in gas diffusion electrodes.



Representative SE image, 10 μm scale bar

Application

Electrochemical gas sensors and electrolyzers.

Shipping & Handling

Please refer to the relevant Safety Data Sheet for further information.

Form:	powder
Metal content:	≥ 93.0 % w/w
Specific surface area:	25 – 40 m^2/g
Loss on drying:	≤ 1.0 % w/w
Loss on reduction:	3.0 – 7.0 % w/w
Total chloride:	≤ 0.5 % w/w

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