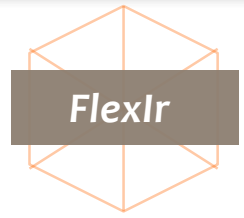


FlexIr

(Flexible iridium wire)

- Flexible as Pt wire
- Suitable for thermocouples
- Suitable for fixing parts at high temperature



Product Information

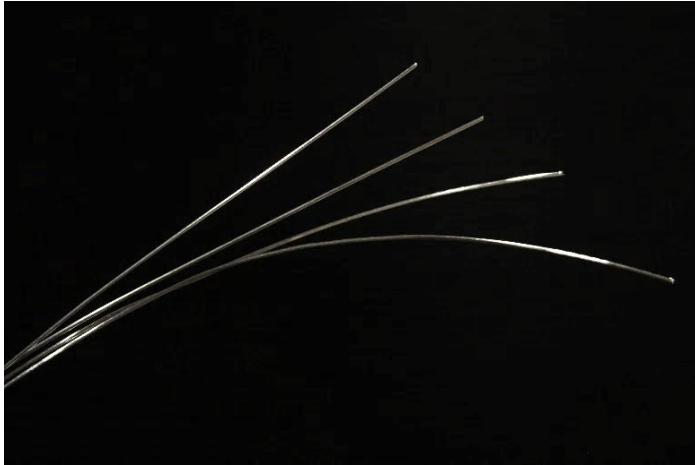


Fig.1: Photograph of the *FlexIr*.



Fig.2: Photographs of a coil and a yarn.

Outline

FlexIr is a flexible pure-iridium wire. *FlexIr* shows outstanding deformability (Fig. 2) due to its elongated coarse crystal grains (Fig. 3).

By reducing the exposure of grain boundaries on the surface, oxidation resistance at high temperature has been also improved.

FlexIr is suitable for thermocouples and fixing device at high temperature.

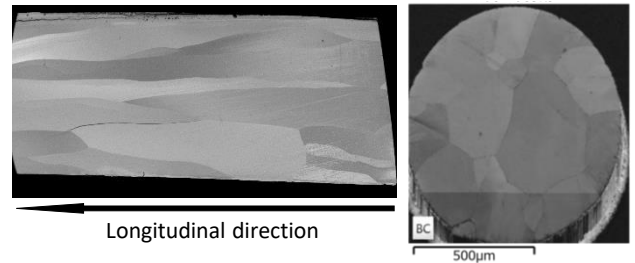


Fig.3: SEM images of the cross section of the *FlexIr*.

Specification

Diameter	0.5, 0.7, 0.8 mm
Tolerance	At least ± 0.02 mm
Length	1~1,000 cm
Flexibility	Soft / hard
Shape	Rod / coil

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