

Indux

-induction crucible

Introduction

Indux is a high quality ceramic bonded clay graphite crucible range manufactured to provide controlled graphite alignment and optimised electrical properties to suit specific frequency ranges for induction melting applications.

Applications

Indux crucibles are used to provide consistent performance in medium frequency induction furnaces. Indux crucibles are designed for furnaces operating in the frequency range from 1kHz and upwards with most installations typically operating between 1kHz and 3kHz. Indux crucibles are typically used to melt copper alloys and precious metals.



Typical Metal Casting Temperature

850°C - 1600°C (1562°F - 2912°F)

Performance Characteristics

- Controlled electrical resistivity
- Good thermal conductivity
- Good resistance to chemical corrosion
- High refractoriness

Identification

Indux crucibles are coloured black and utilize the suffix IND to denote the type.

Pattern Range

Indux crucibles are available in a range of shapes and sizes to suit most end user requirements.

Quality

Indux crucibles are manufactured from premium grade raw materials under an ISO 9001:2015 quality management system.

For more information, contact us today.