Coated Crucibles

-enhanced crucible performance

Introduction

Functional coatings are a very fine layer of chemical compounds which can be applied on internal surface of crucibles to significantly improve performance, reduce impurities when melting and holding pure alloys. It also stops dross build up and makes clean up fast and easy.

Applications

Coatings can be used in aluminium applications, zinc distillation, precious metals and pure copper melting.

Coating Selection Table

Coating	Crucible Type	Alloy	Use	Max. Metal Temp.
PRO Coating	All types of crucibles	Al (99,999%) & Al alloys Zinc distilliation Precious metals	Reduce dross adhesion Limit metal contamination	1600°C
STAR Coating	All types of crucibles	Al (99.999%) & Al alloys Precious metals	Reduce dross adhesion Limit metal contamination	1000°C
ResCoat Coating	All types of crucibles	Cu & Cu Alloys Precious metals incl. using fluxes	Increase erosion resistance Limit metal contamination	1600°C
PureCoat Coating	All types of crucibles	Zinc distillation Pure copper melting	Reduce dross adhesion Limit metal contamination	1500°C