



VULCAN

REFRACTORIES APPLICATIONS SUPER ALLOY

Process Information : Vacuum Induction Melting

High nickel content superalloys are manufactured in a batch process based upon vacuum induction melting.

The subsequent casting into billet or bar stock utilises refractory runner and distribution systems to transport the metal and control metal flow.



- Process temperatures $>1600^{\circ}\text{C}$
- Vacuum Atmosphere
- Thermal shock to 1200°C per minute
- High temperature corrosion from melt

DISCLAIMER

Any advice, opinion, recommendation or information is given to assist the use of the company's products but on the basis that the end user must ensure their suitability for the application intended.

In particular the company cannot accept liability for loss or damage which may arise from the incorrect use of its products or from poor workmanship on the part of the user.

Information is compiled from routine quality control testing and does not constitute a specification.

Information is provided in good faith and is subject to review whenever necessary and no guarantee or warranty is implied.

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Vulcan Refractories Limited

Tel. +44 (0)1538 752 238 Fax. +44 (0) 1538 753 349 E-Mail enquiries@vulcanrefractories.com Web www.vulcanrefractories.com