



# VULCAN

## REFRACTORIES APPLICATIONS POWDER METALLURGY

### Process Information : Atomisers

The bulk of metal powder used in industry is produced by the atomisation of liquid metals. All atomisers rely on the provision of a uniform stream of molten metal, which is then dispersed by gas, air, water or other medium.

The nozzle is a vital component in ensuring a uniform and reliable flow of metal, which is essential to provide consistent particle size distribution and maximum yield.



- Process temperatures to 1650°C
- Close tolerance of the nozzle exit diameter, typically +/- 0.1mm
- Rapid  $\Delta T$  figures

#### 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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