



Magnesium Elektron

SERVICE & INNOVATION IN MAGNESIUM

Elektron[®] Magnesium Alloy Thixo Granules

Datasheet: 344



Certificate No. FM12677

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Division of MAGNESIUM ELEKTRON LIMITED. Registered in England No. 3141950.
Registered Office: The Victoria, 150-182 Harbour City, Salford Quays, Salford, M50 3SP



Elektron[®] Magnesium Alloy Thixo Granules

GENERAL DESCRIPTION

The Elektron[®] Thixo Granule product is a dense, free flowing coarse magnesium alloy granule. Elektron[®] Thixo Granules are specifically developed for the Thixomoulding semi-solid metal injection process. The granules are produced from magnesium alloy ingots by mechanical reduction. Different high quality, clean Elektron[®] alloys can be used depending on the end use. Please refer to our Elektron[®] alloy datasheets for further information on the different alloys.

NOMINAL SIZING AND SHAPE

Product particle size range 600µm – 2.8mm.

The granules are specially produced to reduce fines and the amount of flattened and needle like particles associated with lower density type products.

The granules have an elongated shape with an approximately trapezoidal cross section. Our production processes allow us to supply a high quality, consistent granular product.

If required Magnesium Elektron is able to work with customers to adapt the granules to their specific needs.

PACKAGING

Elektron[®] Thixo Granules can be packaged in accordance with customers' own requirements. Standard packaging is in either 1 tonne big bags or 100-125 kg UN approved steel drums.

HAZARDOUS CLASS

The Elektron[®] Thixo Granules are classified as hazardous:
Hazardous Class 4.1 – UN1869 – Packaging Group III

All information is given in good faith but without warranty. Freedom from patent rights must not be assumed. Health and Safety information is available for all Magnesium Elektron products. MAGNESIUM ELEKTRON, THE 'e' LOGO, MEL, ELEKTRON and ZIRMAX are registered trademarks of Magnesium Elektron Limited.

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