



FINE MAGNESIUM POWDERS

Fine powder products are made from minimum 99.8% purity magnesium ingot and are less than 100 mesh (150 µm). By-down products, ie powders which pass through a particular sieve, such as RMC-200, are readily available. Powders available in narrow particle size bands, such as between 100 mesh and 200 mesh (150 µm to 75 µm), exhibit ELEKTRON's excellent size classification control.

'BS' grade fine powders demonstrate ELEKTRON's unique capability to produce powders consisting of oblong chip-like particles with rounded edges. Accurate process control ensure that predetermined particulate morphologies can be achieved.

ELEKTRON's fine magnesium powders are manufactured to the following military specifications: MIL-DTL-382D, MIL-P-14067B type IV and Defence Standard 13-130/1. They can also, on request, be reduced in size to meet customers' own mesh specifications.

The typical use of fine magnesium powders is in pyrotechnic devices, such as signal flares, fireworks and military illuminating and infrared countermeasure (IRCM) flares.

PRODUCT	NOMINAL	SIZING	PACKAGING
RMC-100 to 200	100/200 mesh	(150 µm to 75µm)	68 kgs of product packed in a 114 litre steel drum
RMC-50	Minus 50 mesh	(-300µm)	
RMC-60	Minus 60 mesh	(-250µm)	
RMC-80	Minus 80 mesh	(-180µm)	
RMC-100	Minus 100 mesh	(-150µm)	
RMC200/325	200 to 325 mesh	(75 µm to 45µm)	
RMC-200	Minus 200 mesh	(-75µm)	
RMC-325	Minus 325 mesh	(-45µm)	
RMC-200/325BS	200 to 325 mesh	(75 µm to 45µm)	
RMC-325 BS	Minus 325 mesh	(-45µm)	

FURTHER INFORMATION

For more detailed information, please contact:

In North America

Chelsea Minguela
Tel: +1 848 227 3810
chelsea.minguela@magnesium-elektronUSA.com

For the Rest of the World

Kay Baxter
Tel: +44 161 911 1146
kay.baxter@magnesium-elektron.com

Discover more at www.magnesium-elektron.com



Follow us on Twitter at [@MagElektron](https://twitter.com/MagElektron)

†The information contained within is meant as a guideline only

© Copyright Magnesium Elektron Ltd 2015. The information provided within this document is aimed to assist manufacturers and other interested parties in the use of magnesium alloys. Magnesium Elektron accepts no liability in whole or in part from use and interpretation of the data herein. 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.

Magnesium Elektron UK
Magnesium Technology Centre,
Rake Lane, Swinton, Manchester
M27 8BF, England
Tel: +44 (0)161 911 1000

Magnesium Elektron Powders NJ
2590 Ridgeway Blvd., Manchester,
NJ 08759, USA
Tel: +1 732 657 6451



Certificate No. FM12677