



**LUXFER**  
MEL TECHNOLOGIES

## Magnesium Chips, C Chip

### Applications

Magnesium chips are primarily used in chemical synthesis, specifically for Grignard reagents in pharmaceutical/agrochemical production.

### Physical

#### Shape

Irregular	Spherical
X	-

#### Particle size distribution

U.S. sieve (mesh)	Specification
+4	1% max.
+30	Balance
-30	1% max.



### Packaging

1. 15 lbs per 5-gallon steel drum
2. 50 lbs per 15-gallon steel drum
3. 100 lbs per 30-gallon steel drum
4. 180 lbs per 55-gallon steel drum
5. 180 lbs per 55-gallon fiber drum

## Chemical

Products are processed from primary magnesium ingot, the chemical composition of which conforms to ASTM B92-17 Grade 9980A.

Standard purity		
Mg	(min.)	99.80%
Cu	(max.)	0.02%
Pb	(max.)	0.01%
Mn	(max.)	0.10%
Ni	(max.)	0.00%
Na	(max.)	0.01%
Sn	(max.)	0.01%
Other elements, each	(max.)	0.05%

High purity		
Mg	(min.)	99.95%
Al	(max.)	0.005%
Mn	(max.)	0.004%
Fe	(max.)	0.006%
Si	(max.)	0.001%
Ni	(max.)	0.001%
Cu	(max.)	0.001%
Na	(max.)	0.002%
Pb	(max.)	0.001%
Sn	(max.)	0.0005%
Zn	(max.)	0.0003%
Ti	(max.)	0.001%
B	-	-
Cd	-	-
Other elements, each	(max.)	0.01%

Discover more at  
[www.luxfermeltechnologies.com](http://www.luxfermeltechnologies.com)

† The information contained within is meant as a guideline only

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