

 DGH-GROUP   DGH HEIDENAU	TECHNICAL DELIVERY SPECIFICATION	F 8230 - GROUP
	For Mg block material, AZ91HP alloy	Page 1 of 3

## 1. Purpose

Technical delivery specification for Mg – block material

Grade

: EN AC-MBMgAl9Zn1 (A)  
 AZ91HP  
 with partially restricted composition with respect to DIN EN 1753

## 2. Applicability

This document is valid for DGH Heidenau GmbH & Co. KG.

## 3. Chemical composition [%]

1.	Al	8.3 – 9.5	2.	Zn	0.65 – 0.9
3.	Mn	0.17 – 0.35	4.	Si	max. 0.05
5.	Cu	max. 0.025	6.	Ni	max. 0.001
7.	Fe	max. 0.002	8.	Other, each no more than	0.001
9.	Mg	Remainder			

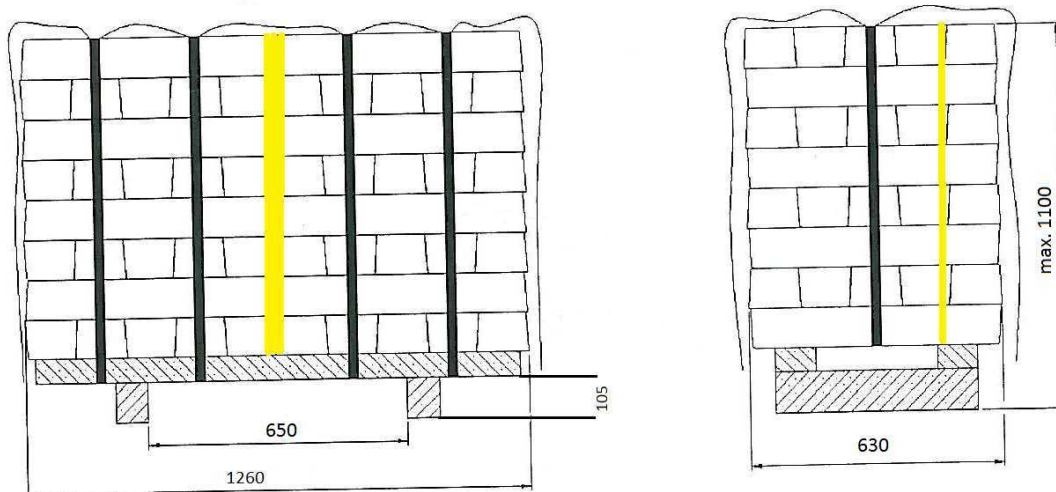
## 4. Quality

- The ingot surfaces must be closed, free of scum, foam cavities and corrosion.
- A natural passivation layer is permitted.
- The fracture appearance must be free from non-metallic foreign inclusions, scum, salts, segregation and open cracks.

List of revisions:	0	FB	Approved on:	04 April 2014
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Checked by:	Foundry management	1/GS	Signature:	
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Approved by:	Mr J. König	QMB	Signature:	

## 5. Delivery conditions


- The respective lots should comprise no more than 4 batches.
- There are no limits on the batches for the recycling material from DGH Heidenau GmbH & Co. KG.
- Ingot dimensions approx. 67 x 121 x 628 mm
- The ingot stack must be packed with plastic bands, stacked on disposable pallets, securely strapped for transport and packed in plastic foil.
- Aluminium and steel bands are not permissible.
- Each transport unit must have a clearly visible batch and colour-coded alloy label  
Alloy: AZ 91 HP                      yellow (vertical on the stack).
- Stack sizes: Length: max. 1260 mm  
                                Width: max. 630 mm  
                                Height: max. 1100 mm



## 6. Certificate of analysis

An acceptance inspection certificate in accordance with DIN EN 10204 3.1 for each batch must be enclosed with each lot. The inspection certificate must also be confirmed such that the material delivered is "Free from radioactively contaminated substances".

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## 7. Unloading

The lorries must be loaded so that they can be unloaded from both sides. It is not possible to unload loads from a ramp at the DGH Group.

## 8. Transport and storage

Storage and transport to the recipient must comply with quality standards and applicable German laws.

The sender will therefore have proper securing of the load confirmed by the freight carrier and will hand it out to DGH Heidenau GmbH & Co. KG..

## 9. Binding for deliveries

with a list of revisions 001 May 2014 with a grace period of 4 weeks.

With respect to the list of revisions 1

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