

Inspection certificate 3.1		No. (A03)	15541
DIN EN 10204		Page	1/2
(A02)		Date	22.06.2020
No. (A07)	732/22828	20.02.2020	No. (A07)
Purchaser (A06)	Salzgitter Mannesmann International GmbH 40409 Düsseldorf	Customer (A06)	Salzgitter Mannesmann Int. Mexico SA.CV 03100 MEXIKO D.F. MEXIKO
Product (B01)	Heavy plate	Works order No. (A08)	484010944 88209443
Steel grade and terms of delivery (B02-B03)	A 36 ASTM A 36 -14 ASTM A 6 -17a	Inspection (A05)	WS
Marking of the product (B06) Trademark/Steelgrade/Heat-No/Product-No			

Material data (B01-B99)

Item (B08)	Quantity (B08)	Product No. (B07)	Heat No. (B07)	Cond. of delivery (B04)	Thickness x Width x Length (B09-B11)	mm x mm x mm
05	1	417863/01/1	667836	AR	50,80 x 2438,4 x 6096	
05	1	417864/01/8	667836	AR	50,80 x 2438,4 x 6096	
05	1	417864/02/4	667836	AR	50,80 x 2438,4 x 6096	
Σ	3	Weight (B12)	17.784 kgs	AR: as rolled		

 Dimensional check and visual examination of the surface condition:
without objection

Ladle analysis (C70-C99)

Manufacturer standard

Heat No. (B07)	C %	Si %	Mn %	P %	S %	N %	Al %	Cu %	Cr %	Ni %
	≤ 0,26	0,15 - 0,40	0,80 - 1,20	≤ 0,030	≤ 0,030		≥ 0,020			
667836	0,15	0,34	0,93	0,013	0,003	0,004	0,030	0,03	0,04	0,04
Heat No. (B07)	Mo %	V %	Ti %	Nb %	B %	Mn_abs %				
					≤ 0,0008	≤ 1,35				
667836	0,01	0,00	0,003	0,001	0,0003	0,93				

 Steel making: Basic oxygen process
(C70)

For each reduction of 0,01% below the specified maximum concentration for carbon, an increase of 0,06% above the specified maximum concentration for manganese is permissible, up to a limit that varies with grade.

 We hereby certify that the delivered material complies with the terms of the order.
(Z01)

Salzgitter Mannesmann Grobblech GmbH
Sandstraße 140
D-45473 Mülheim an der Ruhr
(A01)


 Inspection Stamp
(Z03)


**SALZGITTER
MANNESMANN
GROBBLECH**
 Inspection Representative
 Salzgitter Mannesmann Grobblech GmbH
 Sandstraße 140 Mülheim (A01)
 S. Casper

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Tensile test (C10-C29)										
Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct. (C02)	Cond. (B05)	Type (C10)	Yield strength (C11) Rp0,2 N/mm2 ≥ 250	Tensile strength (C12) Rm N/mm2 400 - 550	Elongation (C13) 8 in % ≥ 18		
417863	667836	F6G	Q	AR	P	300	463	37		
417864	667836	F6G	Q	AR	P	284	458	37		

1) F: Bottom
 2) 6: 1/6 Width
 3) G: Thickness of product
 4) Q: transversal
 5) AR: as rolled
 6) P: prismatic

Our products are free of radioactive substances and do not exceed the clearing limit value of 100 Bq/kg, which guarantees the compliance with limit values given in the Radiation Protection Ordinance (StrlSchV) for the unrestricted clearance of solid material (StrlSchV Annex III, Section 5) for ferrous nuclides.

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(Z01)



Salzgitter Mannesmann Grobblech GmbH
Sandstraße 140
D-45473 Mülheim an der Ruhr
(A01)




Inspection Representative (Z02)

S. Casper (AM1)