

ArcelorMittal Int. North America  
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 CHICAGO IL 60603  
 USA

**ArcelorMittal Belval & Differdange**

ArcelorMittal

Service Gestion Qualité  
 66, rue de Luxembourg  
 L-4009 Esch/Alzette

**Plant:**  
 ArcelorMittal Belval & Differdange  
 Site de Differdange  
 L-4503 Differdange

**Certificate Nr X2234807**

Delivery note number 2234807 from 11 February 2012

Our reference : 1700014089  
 Your reference : 12162  
 19.01.2012  
 Plesa Anahuac Y Cias, S.A. de C.V.

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 Av. Valle de las Alamedas 66-O  
 54940 COL. S. FRANCISCO CHILPAN, TULTI  
 MEXIQUE

**ASTM A992 - ASTM A572 GR50 FINE GRAIN SILICON KILLED**

Manufacturer's test certificate acc. to ASTM A 6

Ord.item	Product	Length	Weight	Heat nr	Weight	Bund.	Bars
000004	W 24 X 12,75 X 104	40'	15,120 mt				
		12.192 mm		40779	3,780 mt		2
				40780	11,340 mt		6

Heat nr	Heat analysis (%)															
	C	Mn	P	S	Si	N	Cu	Ni	Cr	V	Nb	Mo	CEV	Sn	Nb+V	
	<b>Min</b>	<b>0,50</b>			<b>0,10</b>											
	<b>Max</b>	<b>0,23</b>	<b>1,60</b>	<b>0,035</b>	<b>0,045</b>	<b>0,40</b>	<b>0,60</b>	<b>0,45</b>	<b>0,35</b>	<b>0,150</b>	<b>0,050</b>	<b>0,150</b>	<b>0,45</b>	<b>0,150</b>		
40779		0,08	1,45	0,016	0,028	0,25	0,011	0,43	0,22	0,09	0,052	0,003	0,060	0,41	0,03	0,055
40780		0,11	1,52	0,018	0,019	0,22	0,012	0,33	0,17	0,09	0,050	0,002	0,050	0,43	0,05	0,052

Heat nr	Tensile test				
	PSI	PSI	200 mm		
	Ys	UTS	El. (%)	Y/U	
	<b>Min</b>	<b>50.000</b>	<b>65.000</b>	<b>18,00</b>	
	<b>Max</b>	<b>65.000</b>		<b>0,85</b>	
40779		62.205	76.705	25,30	0,81
40779		62.785	77.430	25,56	0,81
40780		63.075	79.315	24,36	0,80
40780		63.655	80.185	24,61	0,79

Klecker Roberto  
 Porteur de signature spéciale

