

1 South Dearborn, 13th floor  
 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 X2247637**

Delivery note number 2247637 from 29 February 2012

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

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

**Manufacturer's test certificate acc. to ASTM A 6**

Plesa Anahuac Y Cias, S.A. de C.V.  
 Av. Valle de las Alamedas 66-O  
 54940 COL. S. FRANCISCO CHILPAN, TULTI  
 MEXIQUE

Ord.item	Product	Length	Weight	Heat nr	Weight	Bund.	Bars
000005	W 24 X 12,75 X 146	40' 12.192 mm	13,230 mt	40786	13,230 mt		5

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>
40786		0,07	1,02	0,026	0,025	0,20	0,010	0,33	0,16	0,16	0,014	0,002	0,040	0,32	0,01 0,016

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>
40786		64.090	81.055	24,06 0,79
40786		61.915	79.170	25,08 0,78

Klecker Roberto  
 Porteur de signature spéciale

