


**Sales Agent:**  
 ArcelorMittal Int. North America  
 1 South Dearborn, 13th floor  
 CHICAGO IL 60603  
 USA

**ArcelorMittal Belval & Differdange**  
 Service Gestion Qualité  
 66, rue de Luxembourg  
 L-4009 Esch/Alzette



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

**Certificate Nr X 2282223**  
 Delivery note number 2282223 from 20 April 2012

Our reference : 1700014539  
 Your reference : 12695  
 09.04.2012  
 Plesa Anahuac Y Cias, S.A. de C.V.

Plesa Anahuac Y Cias, S.A. de C.V.  
 Av. Valle de las Alamedas 66-O  
 54940 COL. S. FRANCISCO CHILPAN, TUL  
 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 |
|----------|--------------------|------------------|----------|---------|----------|-------|------|
| 000006   | W 24 X 12,75 X 162 | 40'<br>12.192 mm | 2,938 mt | 41273   | 2,938 mt |       | 1    |

| Heat nr | Heat analysis (%) |      |      |       |       |      |       |      |      |       |       |       |       |      |            |
|---------|-------------------|------|------|-------|-------|------|-------|------|------|-------|-------|-------|-------|------|------------|
|         | C                 | Mn   | P    | S     | Si    | N    | Cu    | Ni   | Cr   | V     | Nb    | Mo    | CEV   | Sn   | Nb+V       |
|         | Min               | 0,50 |      |       | 0,10  |      |       |      |      |       |       |       |       |      |            |
|         | Max               | 0,23 | 1,60 | 0,035 | 0,045 | 0,40 | 0,60  | 0,45 | 0,35 | 0,150 | 0,050 | 0,150 | 0,45  |      | 0,150      |
| 41273   |                   | 0,06 | 1,09 | 0,021 | 0,027 | 0,19 | 0,010 | 0,31 | 0,15 | 0,10  | 0,012 | 0,002 | 0,050 | 0,30 | 0,02 0,014 |

| Heat nr | Tensile test   |            |         |       |      |
|---------|----------------|------------|---------|-------|------|
|         | PSI            | PSI 200 mm |         |       |      |
|         | Y <sub>B</sub> | UTS        | El. (%) | Y/U   |      |
|         | Min            | 50.000     | 65.000  | 18,00 |      |
|         | Max            | 65.000     |         | 0,85  |      |
| 41273   |                | 60.465     | 73.660  | 24,22 | 0,82 |
| 41273   |                | 61.045     | 74.385  | 24,46 | 0,82 |

Klecker Roberto  
 Porteur de signature spéciale

