

ArcelorMittal Int. North America  
 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 X 2290011**

Delivery note number 2290011 from 3 May 2012

Our reference : 1700014539

Your reference : 12695  
 09.04.2012  
 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, 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 |
|----------|--------------------|-----------|----------|---------|----------|-------|------|
| 000004   | W 24 X 12,75 X 117 | 40'       | 2,121 mt |         |          |       |      |
|          |                    | 12.192 mm |          | 42973   | 2,121 mt |       | 1    |

**Heat nr**

**Heat analysis (%)**

|            | C    | Mn   | P     | S     | Si   | N     | Cu   | Ni   | Cr   | V     | Nb    | Mo    | CEV  | Sn   | Nb+V  |
|------------|------|------|-------|-------|------|-------|------|------|------|-------|-------|-------|------|------|-------|
| <b>Min</b> |      | 0,50 |       |       | 0,10 |       |      |      |      |       |       |       |      |      |       |
| <b>Max</b> | 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 |
| 42973      | 0,06 | 1,48 | 0,017 | 0,025 | 0,26 | 0,012 | 0,35 | 0,18 | 0,08 | 0,057 | 0,003 | 0,070 | 0,38 | 0,03 | 0,060 |

**Heat nr**

**Tensile test**

|            | PSI    |        | PSI 200 mm |      | Y/U |
|------------|--------|--------|------------|------|-----|
|            | Ys     | UTS    | El. (%)    |      |     |
| <b>Min</b> | 50.000 | 65.000 | 18,00      |      |     |
| <b>Max</b> | 65.000 |        |            | 0,85 |     |
| 42973      | 62.060 | 78.735 | 26,31      | 0,79 |     |
| 42973      | 60.755 | 77.140 | 26,00      | 0,79 |     |

Klecker Roberto  
 Porteur de signature spéciale

