

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 X2242539

Delivery note number 2242539 from 22 February 2012

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

Plesa Anahuac Y Cias, S.A. de C.V.
 Av. Valle de las Alamedas 66-0
 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' | 3,780 mt | | | | |
| | | 12.192 mm | | 40779 | 1,890 mt | | 1 |
| | | | | 40780 | 1,890 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 | |
| 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 | |
| | Min | 50.000 | 65.000 | 18,00 | |
| | Max | 65.000 | | 0,85 | |
| 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

