

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 X2245856

Delivery note number 2245856 from 27 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 |
|----------|--------------------|------------------|----------|---------|----------|-------|------|
| 000005 | W 24 X 12,75 X 146 | 40' 12.192 mm | 2,646 mt | 40816 | 2,646 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 | |
| 40816 | | 0,08 | 1,00 | 0,020 | 0,014 | 0,18 | 0,008 | 0,31 | 0,21 | 0,19 | 0,013 | 0,002 | 0,050 | 0,33 | 0,02 0,015 |

| 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 | |
| 40816 | | 62.930 | 77.575 | 23,36 | 0,81 |
| 40816 | | 63.510 | 78.300 | 23,60 | 0,81 |

Klecker Roberto
 Porteur de signature spéciale

