

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

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

ArcelorMittal

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

Certificate Nr X2225507

Delivery note number 2225507 from 29 January 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-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 |
|----------|-----------------|------------------|-----------|---------|-----------|-------|------|
| 000001 | W 18 X 11 X 97 | 40' 12.192 mm | 15,804 mt | 40631 | 15,804 mt | | 9 |
| 000002 | W 18 X 11 X 106 | 40' 12.192 mm | 13,482 mt | 40629 | 13,482 mt | | 7 |
| 000003 | W 18 X 11 X 119 | 40' 12.192 mm | 10,790 mt | 40629 | 10,790 mt | | 5 |

| 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 | |
| 40629 | | 0,08 | 1,51 | 0,027 | 0,019 | 0,21 | 0,011 | 0,35 | 0,17 | 0,10 | 0,052 | 0,002 | 0,040 | 0,40 | 0,02 0,054 |
| 40631 | | 0,07 | 1,51 | 0,020 | 0,022 | 0,20 | 0,012 | 0,35 | 0,18 | 0,10 | 0,054 | 0,002 | 0,050 | 0,40 | 0,02 0,056 |

| Heat nr | Tensile test | | | | |
|---------|----------------|------------|---------|-------|------|
| | PSI | PSI 200 mm | | | |
| | Y _s | UTS | El. (%) | Y/U | |
| | Min | 50.000 | 65.000 | 18,00 | |
| | Max | 65.000 | | | 0,85 |
| 40629 | | 60.465 | 75.545 | 25,70 | 0,80 |
| 40629 | | 60.320 | 75.980 | 26,06 | 0,79 |
| 40631 | | 60.755 | 74.965 | 25,90 | 0,81 |
| 40631 | | 61.335 | 75.690 | 26,16 | 0,81 |

Klecker Roberto
 Porteur de signature spéciale

