

# MIG WELD

CERTIFICAT DE RECEPTION / ABNAHMEPRÜFZEUGNIS / INSPECTION CERTIFICATE

SUIVANT NF EN 10204 - 3.1 b

|                             |                                  |
|-----------------------------|----------------------------------|
| CLIENT / CUSTOMER / KUNDE : | <b>MIG WELD GmbH DEUTSCHLAND</b> |
|-----------------------------|----------------------------------|

|            |               |                |                 |
|------------|---------------|----------------|-----------------|
| DIAMETRE : | <b>1.6 MM</b> | DATE / DATUM : | <b>14.12.99</b> |
|------------|---------------|----------------|-----------------|

|                       |                |                        |             |
|-----------------------|----------------|------------------------|-------------|
| DESIGNATION MIGWELD : | <b>ML 5356</b> | LOT / CHARGE / BATCH : | <b>4772</b> |
| DESIGNATION CLIENT :  | <b>Al Mg 5</b> |                        |             |

| COMPOSITION CHIMIQUE LIMITE % / CHEMICAL COMPOSITION LIMITS % |             |             |             |             |             |             |             |             |             | UNSPECIFIED ELEMENTS |             |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|
|   | Si          | Fe          | Cu          | Mn          | Mg          | Cr          | Zn          | Ti          | Zr          | EACH                 | TOTAL       |
| maxi  | <b>0,25</b> | <b>0,40</b> | <b>0,05</b> | <b>0,20</b> | <b>5,50</b> | <b>0,20</b> | <b>0,10</b> | <b>0,15</b> | <b>0,05</b> | <b>0,05</b>          | <b>0,15</b> |
| mini  |             |             |             | <b>0,10</b> | <b>4,50</b> | <b>0,05</b> |             | <b>0,06</b> |             |                      |             |
| Be ≤ 0.0008 - Al remainder                                    |             |             |             |             |             |             |             |             |             |                      |             |

| ANALYSE CHIMIQUE REELLE SELON FOURNISSEUR / FURTHER SUPPLIERS ANALYSIS / NACH ANALYSE DES LIEFERANTEN |             |             |                 |             |             |             |             |             |          |               |              |
|---|-------------|-------------|-----------------|-------------|-------------|-------------|-------------|-------------|----------|---------------|--------------|
|   | Si          | Fe          | Cu              | Mn          | Mg          | Cr          | Zn          | Ti          | Zr       | Be            | Al           |
|   | <b>0,05</b> | <b>0,12</b> | <b>&lt;0,01</b> | <b>0,14</b> | <b>5,01</b> | <b>0,12</b> | <b>0,01</b> | <b>0,11</b> | <b>0</b> | <b>0,0007</b> | <b>Solde</b> |

| CARACTERISTIQUE MECANIQUE SUIVANT NF A 81-331 / MECHANICAL PROPERTY FURTHER NF A 81-331 |             |           |  |
|---|-------------|-----------|--|
| CAST (MM):  | HELICE(MM): | Rm (MPa): |  |

.Tests de fumée effectués lors du contrôle qualité / Smoke tests effected.

.Nous certifions que l'analyse ci-dessus est conforme aux normes suivantes:

.We hereby certify that the above chemical analysis complies with the following specifications:

.Wir bestätigen hiermit, daß die o.g. chemische Analyse mit den folgenden Normen übereinstimmt:

|                 |                    |                |               |                |
|-----------------|--------------------|----------------|---------------|----------------|
| DIN 1732 (1988) | NF A.81.331 (1984) | BS 2901 Part 4 | AWS A.5.10.92 | EN 573.3(1992) |
| SG-ALMg 5       | ALMg 5             | 5356           | ER 5356       | EN AW Al Mg 5  |

Etabli par :  
Le :  
Visa :

A Longvic le : 14.12.99  
E. HONIGLOH  
Responsable Assurance Qualité