

# MIG WELD

CERTIFICAT DE RECEPTION / ABNAHMEPRÜFZEUGNIS / INSPECTION CERTIFICATE

SUIVANT NF EN 10204 - 3.1 b

|                                                              |
|--------------------------------------------------------------|
| CLIENT / CUSTOMER / KUNDE : <b>MIG WELD GmbH DEUTSCHLAND</b> |
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|                          |                                  |
|--------------------------|----------------------------------|
| DIAMETRE : <b>1.2 MM</b> | DATE / DATUM : <b>25.02.2003</b> |
|--------------------------|----------------------------------|

|                                                   |                                    |
|---------------------------------------------------|------------------------------------|
| DESIGNATION MIGWELD : <b>ML 4043</b>              | LOT / CHARGE / BATCH : <b>5421</b> |
| DESIGNATION CLIENT: <b>MIG Al Si 5 / K300-7KG</b> |                                    |

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

| ANALYSE CHIMIQUE REELLE SELON FOURNISSEUR / FURTHER SUPPLIERS ANALYSIS / NACH ANALYSE DES LIEFERA |               |               |               |               |               |               |               |               |    |                |              |
|---------------------------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----|----------------|--------------|
|                                                                                                   | Si            | Fe            | Cu            | Mn            | Mg            | Cr            | Zn            | Ti            | Zr | Be             | Al           |
|                                                                                                   | <b>5,1300</b> | <b>0,1200</b> | <b>0,0200</b> | <b>0,0024</b> | <b>0,0023</b> | <b>0,0007</b> | <b>0,0050</b> | <b>0,0040</b> |    | <b>0,00001</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:

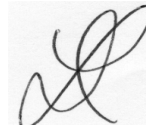
.Wir bestätigen hiermit, daß die o.g.chemische Analyse mit den folgenden Normen übereinstimmt:

|                 |                    |                |               |                |
|-----------------|--------------------|----------------|---------------|----------------|
| DIN 1732 (1988) | NF A.81.331 (1984) | BS 2901 Part 4 | AWS A.5.10.92 | EN 573.3(1992) |
| SG-ALSi 5       | ALSi 5             | 4043 A         | ER 4043       | EN AW AISi 5   |

Etabli par :

Le :

Visa :



A Longvic le : 25.02.2003

D. LORDEL

Responsable Assurance Qualité