

Usine productrice Ugine  
 Hersteller Avenue Paul  
 Manufacturer Girod  
 73403 Ugine  
 France

INSPECTION CERTIFICATE 3.1  
 CERTIFICAT DE RECEPTION 3.1  
 ABNAHMEPRUEFZEUGNIS 3.1  
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 EN 10204 / 3.1

UGITECH  
 Providing special steel solutions



Numéro / Nummer / Number  
 Bu sertifika BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ. ye aittir. Bu  
 sertifika hiçbir koşulda KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.

Ordre de fab. / Auftrag / Prod. Order  
 Bu sertifika BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ. ye aittir. Bu  
 sertifika hiçbir koşulda KOPYALANAMAZ VEYA ÇOĞALTILAMAZ. 1-1

N° coulée / Schmelzen Nr / Heat N°  
 023053 11-2

N° lot MM / Chargen / Batch  
 Bu sertifika BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ. ye aittir. Bu  
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Traction/ Zugversuch / Tensile test

Dureté-Haerte-Hardness

|  |      | Traction/ Zugversuch / Tensile test |       |      |     |      |      |    | Dureté-Haerte-Hardness |    |     |     |
|--|------|-------------------------------------|-------|------|-----|------|------|----|------------------------|----|-----|-----|
|  |      | T°C                                 | Rp0,2 | Rp1% | Rm  | A 5d | A 4d | Z  | HB                     | HV | HRB | HRC |
|  |      | 25                                  | 26A   | 26B  | 27  | 28   | 89   | 29 | 30                     | 88 | 100 | 37  |
|  |      | °C                                  | Mpa   | Mpa  | Mpa | %    | %    | %  |                        |    |     |     |
| 24   | 90   |                                     |       |      |     |      |      |    |                        |    |     |     |
|  | 13   | Min                                 |       |      |     |      |      |    |                        |    |     |     |
|  |      | Max                                 |       |      |     |      |      |    |                        |    |     |     |
|  |      | Min                                 |       |      |     |      |      |    |                        |    |     |     |
|  |      | Max                                 |       |      |     |      |      |    |                        |    |     |     |
| N° prélèvement<br>Probenummer<br>Test number | OGTU | 1 L                                 | 20    |      | 731 |      |      |    | 210                    |    |     |     |
| 39B  |      |                                     |       |      |     |      |      |    |                        |    |     |     |

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A l'état de Référence / treatment on test  
 sample / Probestreifenbehandlung

Taux de corroyage  
 Forging ratio  
 Verschmiedungsgrad  
 0

Résilience-Kerbschlagzähigkeit-Notch Toughness

| Type Form<br>Type | T°C | Sens<br>Richtung<br>Direction | Min | Valeurs individuelles<br>Einzelwerte<br>Individual values | Moyenne<br>Mittelwerte<br>Average | Expansion latérale<br>Seitliche Breitung<br>Lateral Expansion |
|-------------------|-----|-------------------------------|-----|---|-----------------------------------|---|
| 101               | 31  | 33                            | 32  | 95  | 35                                | 36  |
|                   |     | °C                            |     | J   |                                   | J   |

A l'état de livraison / Lieferzustand / As  
 delivered  
 Hypertrempé déf. à froid

A l'état de Référence / treatment on test  
 sample / Probestreifenbehandlung

5  
6

Quantité livrée / delivered quantity / gelieferte Quantität

92

93 94

The contents of the report are accurate and all test results and operations performed by UGITECH or its subcontractors are in compliance with the material specification and the specific applicable material requirements of ASME NCA-3800

Ugine le 17.09.2010  
 L'agent Réceptionnaire de l'usine

We declare that the mentioned product is in compliance with the requirements of the contract and that, after checks and tests, it meets in all respects the specified requirements and applicable standards and regulations, except reservations or exceptions as listed in this declaration of conformity ; Document validated by electronic signature. Material manufactured in the REACH regulation respect.

De Bu sertifika BİRÇELİK PASLANMAZ ÇELİK LTD. ŞTİ. ye aittir. Bu  
 Th sertifika hiçbir koşulda KOPYALANAMAZ VEYA ÇOĞALTILAMAZ.