

# Certificat / Product Certificate

**Client:**

Customer:

**Nr Certificat:**

Certificate n°:

**Nr Comanda:**

Order n°:

**Nota de Livrare:**

Delivery note:

**Data :**

Date:

--/--/--

**Cantitate**

Quantity:

**UM**

UM:

KG Kilograme

**Denumire :**

Trade name:

**SAFINOX R 316L**  
**1.60X0300XVPMD**
**Clasificare :**

Classification:

**EN ISO 3581-A : E 19 12 3 L R 12**  
**AWS A 5.4 E 316L-17**
**Nr. Lot:**

Batch n°:

Confirmăm următoarele proprietăți pentru consumabilele de sudură livrate de noi.  
 We confirm following properties for the welding filler metals delivered by us.

**Analize Chimice : / Chemical analysis (%):**

Certificat tip: EN 10 204-3.1 METAL DEPOS / WELD METAL

| C     | Mn    | Si     | P     | S     | Cr     | Ni     | Mo    | Cu    | FW  |
|-------|-------|--------|-------|-------|--------|--------|-------|-------|-----|
| 0.027 | 1.000 | 0.0768 | 0.025 | 0.014 | 18.850 | 11.890 | 2.501 | 0.080 | 9.2 |

**Proprietati Mecanice : / Mechanical properties:**

Certificat tip: EN 10 204-2.2 METAL DEPOS / WELD METAL

| Proba de Tractiune in acord cu EN ISO 6892-1 |                                              |                                                   |                             |        | Rezilianta in acord cu EN ISO 148-1 |                                                   |                                    |
|----------------------------------------------|----------------------------------------------|---------------------------------------------------|-----------------------------|--------|-------------------------------------|---------------------------------------------------|------------------------------------|
| Tractiune                                    |                                              |                                                   |                             |        | Rezilianta                          |                                                   |                                    |
| Test Temp.<br>Test Temp.<br>°C               | Limita de Curgere<br>Yield strength<br>N/mm² | Rezistenta de Rupere<br>Tensile strength<br>N/mm² | Alungire<br>Elongation<br>% | Z<br>% | Test Temp.<br>Test Temp.<br>°C      | Rezilianta<br>Impact strength<br>Joule (Charpy-V) | Tratament Termic<br>Heat treatment |
| +20                                          | 495                                          | 588                                               | 37                          |        | 20                                  | 68                                                | As Welded                          |

**Marian Domnescu**  
**QA Manager – Buzau Plant**

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