**INOX R 19/12/3 Nb**

|  |  |
| --- | --- |
| **Druh:** | Elektroda |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Normy:** | | | |
|  | Norma | Číslo | Označení |
|  | AWS | A 5.4 | E 318 16 |
|  | DIN | 8556 | E 19.12.3 Nb R 26 |
|  | EN | 1600 | E 19 12 3 Nb R 12 |
|  | ISO | 3581 | E 19.12.3 Nb R 26 |
|  | JUS | C.H3.017 | E 19 12 3 Nb R 26 |

|  |  |  |
| --- | --- | --- |
| **Certifikace/klasifikace:** | | |
|  | UDT |  |

|  |
| --- |
|  |

|  |  |
| --- | --- |
| **Poloha svařování:** |  |
|  | C:\Documents and Settings\Admin\Plocha\Jesenice\INOX R 19 12 3 Nb_1.bmp |

|  |  |
| --- | --- |
| **Fyzikální hodnoty:** |  |

|  |  |  |
| --- | --- | --- |
|  | Obal/náplň | rutilový |
|  | Teplota sušení | 300 °C/2h |
|  | Svařovací proud | C:\Documents and Settings\Admin\Plocha\Jesenice\INOX R 19 12 3 Nb_2.bmp |

|  |  |
| --- | --- |
| **Použití pro:** |  |

|  |  |
| --- | --- |
|  | Žáropevné |
|  | Vysokolegované |

|  |
| --- |
| **Typické chemické složení v %:** |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | C | < 0.04 | Si | < 1.00 | Mn | 0.70 | Cr | 18.5 | Ni | 11.5 |  |
|  | Mo | 2.70 | Nb | > 8C |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | |  |  |  | | --- | |  |  |  | | --- | | **Typické mechanické hodnoty:** |  |  | | --- | |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | Teplota | [°C] | 20 |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  | |  | Rm | [MPa] | 590 - 690 |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  | |  | Rp02 | [MPa] | > 400 |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  | |  | A5 | [%] | > 30 |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  | |  | KV | [J] | > 50 |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | | --- | | **Rozměry a balení:** |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | Průměr [mm] | Délka [mm] | Balení | Hmotn. balení [kg] | [ks] v balení | Hmotn. 1 kusu [g] | Hmotn. 1000 ks [kq] | Krabiček /kartón [ks] | Hmotn. kartónu [kg] | Objednací číslo | \*) | |  |  |  |  |  |  |  |  |  |  |  |  | |  | 2.00 | 250 | pouzdro | 3.50 |  |  |  | 4 | 14 |  | C | |  |  |  |  |  |  |  |  |  |  |  |  | |  | 2.50 | 300 | pouzdro | 4.00 | 221 |  | 18.1 | 4 | 16 |  | B | |  |  |  |  |  |  |  |  |  |  |  |  | |  | 3.25 | 350 | pouzdro | 4.50 | 127 |  | 35.4 | 4 | 18 |  | B | |  |  |  |  |  |  |  |  |  |  |  |  | |  | 4.00 | 350 | pouzdro | 4.50 | 84 |  | 53.6 | 4 | 18 |  | C | |  |  |  |  |  |  |  |  |  |  |  |  | |  | 5.00 | 350 | pouzdro | 4.50 | 55 |  | 81.8 | 4 | 18 |  | C | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | | **Použití:** |  |  |  | | --- | --- | |  | Austenitická, rutilová elektroda, stabilizovaná Ni pro svařování stabilizovaných a nestabilizovaných nerezových ocelí. Elektroda je odolná MKK do 400 °C, oxidaci do 800 °C a odolná proti vzniku trhlin za tepla ve svarovém kovu. | |  |  | |  |  | |  |  | |  |  | |  |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |