**EVB 50**

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| **Druh:** | Elektroda |
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| **Normy:** |
|   | Norma | Číslo | Označení |
|   | AWS | A 5.1 | E 7018 |
|   | DIN | 1913 | E 51 54 B 10 |
|   | EN | 499 | E 42 4 B 32 H 5 |
|   | ISO | 2560 | E 51 5 B 120 26 2 H |

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| **Certifikace/klasifikace:** |
|   | ABS | 3HH, 3Y |
|   | BV | 3YHH |
|   | CR | 3YHH |
|   | DB |  |
|   | DnV | 3YH10 |
|   | GL | 4YH10 |
|   | LRS | 3/3YH |
|   | PRS | 3H10, 3YH10 |
|   | RINA | E52 4 HH |
|   | SZU |  |
|   | TUV |  |
|   | UDT |  |

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| **Poloha svařování:** |   |
|   | C:\Documents and Settings\Admin\Plocha\vystup5_1.bmp |

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| **Fyzikální hodnoty:** |  |

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| --- | --- | --- |
|   | Obal/náplň | bázický |
|   | Výtěžnost [%] | 180 |
|   | Teplota sušení | 400/1h |
|   | Difuzní vodík | < 5 ml/100 g svarového kovu |
|   | Svařovací proud | C:\Documents and Settings\Admin\Plocha\vystup5_2.bmp |

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| **Použití pro:** |   |

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| --- | --- |
|   | Nelegované |

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| **Typické chemické složení v %:** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|   | C | 0.08 | Si | 0.60 | Mn | 1.00 |   |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| **Typické mechanické hodnoty:** |

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|   | Teplota | [°C] | -40 | -20 | 20 |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|   | Rm | [MPa] |   |   | 510-610 |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|   | Rp02 | [MPa] |   |   | > 440 |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|   | A5 | [%] |   |   | > 24 |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|   | KV | [J] | > 47 | > 47 |   |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |

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| **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 | 300 | pouzdro | 3.40 |   |   |   | 5 | 17 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|   | 2.50 | 300 | pouzdro | 3.40 | 171 |   | 19.8 | 5 | 17 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|   | 3.25 | 350 | pouzdro | 4.00 | 109 |   | 36.4 | 5 | 20 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|   | 4.00 | 450 | pouzdro | 5.40 | 80 |   | 66.7 | 5 | 27 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|   | 5.00 | 450 | pouzdro | 5.40 | 52 |   | 101.9 | 5 | 27 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|   | 6.00 | 450 | pouzdro | 5.40 | 36 |   | 150 | 5 | 27 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|   | 8.00 | 450 | pouzdro | 5.40 |   |   |   | 5 | 27 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

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| **Použití:** |

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|   | Bazická elektroda s vynikající svařovací charakteristikou, doporučena pro svařování konstrukčních ocelí a ocelí na odlitky s mezí pevnosti v tahu do 610 N/mm2 a jemnozrnných ocelí se zvýšenou mezí kluzu. |
|   |  |
|   |  |
|   | Způsobilost: MRS, SZ |
|   |  |
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| **Poznámka výrobce:** |

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|   | Tuto elektrodu je možno dodat v průměrech 2.00, 2.50 a 3.25 mm v  |
|   | "hobby" balení po 0,80 kg |

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