**EVB MoV**

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| **Druh:** | Elektroda |
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| **Normy:** |
|   | Norma | Číslo | Označení |
|   | AWS | A 5.5 | E 80 18 G |
|   | DIN | 8575 | E MoV B 20+ |
|   | EN | 1599 | E MoV B 42 |
|   | ISO | 3580 | E 0.5 CrMoV B 20 |
|   | JUS | C.H3.015 | E 0.5 CrMoV B 20 |

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

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| **Poloha svařování:** |   |
|   | C:\Documents and Settings\Admin\Plocha\Jesenice\EVB MoV_1.bmp |

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| **Fyzikální hodnoty:** |   |

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| --- | --- | --- |
|   | Obal/náplň | bázický |
|   | Teplota sušení | 400/1h |
|   | Difuzní vodík | < 5 ml/100 g svarového kovu |
|   | Svařovací proud | C:\Documents and Settings\Admin\Plocha\Jesenice\EVB MoV_2.bmp |

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| **Použití pro:** |   |

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| --- | --- |
|   | Nízkolegované |
|   | Žáropevné |

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| **Typické chemické složení v %:** |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | C | 0.08 | Si | 0.50 | Mn | 0.80 | Cr | 0.45 | Mo | 1.00 |   |
|   | V | 0.35 |   |  |  |  |  |  |  |  |  |

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| **Typické mechanické hodnoty:** |

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|   | Teplota | [°C] | 20 |   |   |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|   | Rm | [MPa] | 650 - 750 |   |   |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|   | Rp02 | [MPa] | > 500 |   |   |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|   | A5 | [%] | > 20 |   |   |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|   | KV | [J] | > 95 |   |   |   |   |   |   |
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| **Rozměry a balení:** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | 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] |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|   | 2.50 | 300 | pouzdro | 3.40 | 172 |   | 19.8 | 5 | 17 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|   | 3.25 | 350 | pouzdro | 4.00 | 110 |   | 36.4 | 5 | 20 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|   | 4.00 | 450 | pouzdro | 5.40 | 81 |   | 66.7 | 5 | 27 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|   | 5.00 | 450 | pouzdro | 5.40 | 53 |   | 101.9 | 5 | 27 |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

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| **Tepelné zpracování:** |

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|   | Žíhání | 710 °C/2 h |
|   | Chládnutí | vzduch |

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| **Použití:** |

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|   | Bazická elektroda legovaná Cr a Mo V je vhodná pro svařování podobně legovaných ocelí a ocelí na odlitky s pracovní teplotou do 500 °C. Elektroda je vhodná pro renovaci svařovaním CrMoV a CrMnV ocelí. |
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