**S AlSi 5**

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| **Druh:** | Drát - MIG/MAG |
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| **Normy:** |
|   | Norma | Číslo | Označení |
|   | DIN | 1732 |  |

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| **Certifikace/klasifikace:** |
|   | LRS |  |

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| **Fyzikální hodnoty:** |   |

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|   | Teplota solidus | 573-625 °C |

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| **Použití pro:** |   |

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|   | Al + Al slitiny |

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| **Typické chemické složení v %:** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | Si | 4.50 - 5.50 | Mn | 0.10 | Al | Zb. | Cu | 0.05 | Fe | 0.40 |   |
|   | Mg | 0.10 | Ti | 0.25 | Zn | 0.20 |   |  |  |  |  |

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| **Typické mechanické hodnoty:** |

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|   | Teplota | [°C] | 20 |   |   |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|   | Rm | [MPa] | 147 |   |   |   |   |   |   |
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| **Rozměry a balení:** |

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|   | Průměr [mm] | Balení | Typ | Hmotn. balení [kg] |  |  |
|  |  |  |  |  |  |  |
|   | 0.80 | cívka |   | 7 |   |  |
|  |  |  |  |  |  |  |
|   | 1.00 | cívka |   | 7 |   |  |
|  |  |  |  |  |  |  |
|   | 1.20 | cívka |   | 7 |   |  |
|  |  |  |  |  |  |  |
|   | 1.60 | cívka |   | 7 |   |  |
|  |  |  |  |  |  |  |
|   | 2.40 | svazek |   | 10 |   |  |
|  |  |  |  |  |  |  |
|   | 3.20 | svazek |   | 10 |   |  |
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| **Použití:** |

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|   | Drát ze slitiny Al-Si obsahuje přísadu Ti na zlepšení mechanických vlastností svařovaného kovu. Je vhodný pro svařování slitin např. ČSN 424232 a pro opravárenské svařování slitin Al 99.5, AlZnMg 1 např. 42404, 424400. Svařuje se metodou MIG, TIG v ochranné atmosféře argonu a plamenem. Drát je vhodný pro žárové stříkání elektrickým obloukem a plamenem. |
|   | Způsobilost: NV |
|   | Elektrická vodivost: 21 Sm.mm2. |
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| **Poznámka výrobce:** |

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|   | U tohoto materiálu je průměr 1.60 mm nabízen také v provedení  |
|   | TIG. |

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