**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 %:** |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 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 |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | |  |  |  | | --- | |  |  |  | | --- | | **Typické mechanické hodnoty:** |  |  | | --- | |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | Teplota | [°C] | 20 |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  | |  | Rm | [MPa] | 147 |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | | --- | | **Rozměry a balení:** |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  | 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 |  |  | |  |  |  |  |  |  |  |  |  | | --- | | **Použití:** |  |  |  | | --- | --- | |  | 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. | |  |  | |  |  | |  |  | |  |  | |  |  |  |  | | --- | | **Poznámka výrobce:** |  |  |  | | --- | --- | |  | U tohoto materiálu je průměr 1.60 mm nabízen také v provedení | |  | TIG. | |  |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |