

## OK Autrod 4043

OK Autrod 4043 is one of the most widely used welding and brazing alloys and can be classed as a general purpose filler alloy. The silicon additions result in improved fluidity (wetting action) to make the alloy a preferred choice by welders. The alloy is not sensitive to weld cracking and produces bright and almost smut free welds. Not recommended for anodizing. Non-Heat treatable.

| Specifikace |                                                                  |
|-------------|------------------------------------------------------------------|
| Klasifikace | SFA/AWS A5.10 : ER4043<br>EN ISO 18273 : S Al 4043 (AlSi5)       |
| Schválení   | CE : EN 13479<br>CWB : ER4043<br>DB : 61.039.05<br>VdTÜV : 12187 |

Schválení jsou založena na umístění závodu. Pro více informací kontaktujte ESAB.

|               |                       |
|---------------|-----------------------|
| Typ legování  | AlSi                  |
| Ochranný plyn | I1, I3 (EN ISO 14175) |

| Typické vlastnosti v tahu |            |                     |             |
|---------------------------|------------|---------------------|-------------|
| Podmínky                  | Mez skluzu | Mez pevnosti v tahu | Prodloužení |
| Po svaení                 | 55 MPa     | 124 MPa             | 18 %        |

| Typické složení drátu % |      |     |      |      |      |      |
|-------------------------|------|-----|------|------|------|------|
| Mn                      | Si   | Al  | Cu   | Ti   | Zn   | Fe   |
| 0.01                    | 5.00 | Rem | 0.02 | 0.01 | 0.01 | 0.14 |

| Sváecí parametry |            |         |
|------------------|------------|---------|
| A                | Prmr drátu | V       |
| 60-170 A         | 0.8 mm     | 13-24 V |
| 100-130 A        | 0.8 mm     | 18-22 V |
| 125-150 A        | 0.8 mm     | 20-24 V |
| 60-170 A         | 0.9 mm     | 13-24 V |
| 125-150 A        | 0.9 mm     | 20-24 V |
| 85-120 A         | 0.9 mm     | 20-23 V |
| 170-190 A        | 0.9 mm     | 21-26 V |
| 90-275 A         | 1.0 mm     | 15-26 V |
| 140-260 A        | 1.2 mm     | 20-29 V |
| 170-240 A        | 1.2 mm     | 24-28 V |
| 125-150 A        | 1.2 mm     | 20-24 V |
| 180-210 A        | 1.2 mm     | 22-26 V |
| 140-300 A        | 1.2 mm     | 20-29 V |
| 190-350 A        | 1.6 mm     | 25-30 V |
| 190-260 A        | 1.6 mm     | 21-26 V |
| 260-310 A        | 1.6 mm     | 22-27 V |
| 240-300 A        | 1.6 mm     | 22-27 V |
| 280-320 A        | 1.6 mm     | 24-28 V |
| 290-340 A        | 1.6 mm     | 26-30 V |
| 280-400 A        | 2.0 mm     | 26-31 V |
| 280-400 A        | 2.4 mm     | 26-31 V |
| 280-360 A        | 2.4 mm     | 26-30 V |
| 300-400 A        | 2.4 mm     | 26-30 V |