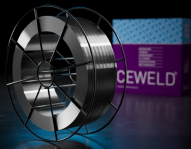


# CEWELD AlSi 5

<b>TYPE</b>	Mig aluminium welding wire alloyed with silicon														
<b>APPLICATIONS</b>	He is a MIG filler metal for welding Aluminium alloys with maximum 2% alloying elements and for Aluminium alloys containing up to 7% Si.(after anodizing welding will be of a dark grey colour)														
<b>PROPERTIES</b>	Thanks to its excellent weldability and good penetration this alloy is used mainly in construction and automotive industry. The silicon addition results in improved fluidity (wetting action), making the alloy the preferred choice of welders. The alloy is not sensitive to weld cracking and produces bright, almost smut-free welds. Not recommended for anodizing. Non-heat treatable. Thicker sections should be preheated (150°C) prior to welding.														
<b>CLASSIFICATION</b>	<table border="0"> <tr> <td>AWS</td> <td>A 5.10: ER4043</td> </tr> <tr> <td>EN ISO</td> <td>18273: S Al 4043A (AlSi5(A))</td> </tr> <tr> <td>W.Nr.</td> <td>3.2245</td> </tr> <tr> <td>F-nr</td> <td>23</td> </tr> </table>	AWS	A 5.10: ER4043	EN ISO	18273: S Al 4043A (AlSi5(A))	W.Nr.	3.2245	F-nr	23						
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EN ISO	18273: S Al 4043A (AlSi5(A))														
W.Nr.	3.2245														
F-nr	23														
<b>SUITABLE FOR</b>	AlMgSi 0, AlSiMg (A), AlSi 1 MgMn, AlMg1SiCu, AlCuMg 1, AlMgSi 1, AlZn 4,5 Mg 1 3.1325, 3.3206, 3.3210, 3.2315, 3.3211, 3.4335 EN AW 6060, EN AW 6005A, EN AW 6082, EN AW 6061, EN AC 45000,														
<b>APPROVALS</b>	CE														
<b>WELDING POSITIONS</b>															
<b>TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)</b>	<table border="1"> <thead> <tr> <th>Si</th> <th>Mn</th> <th>Ti</th> <th>Fe</th> <th>Cu</th> <th>Al</th> <th>Mg</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>0.1</td> <td>0.1</td> <td>0.3</td> <td>0.1</td> <td>Rem.</td> <td>0.1</td> </tr> </tbody> </table>	Si	Mn	Ti	Fe	Cu	Al	Mg	5	0.1	0.1	0.3	0.1	Rem.	0.1
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<b>MECHANICAL PROPERTIES</b>	<table border="1"> <thead> <tr> <th>Heat Treatment</th> <th>R<sub>P0.2</sub> (MPa)</th> <th>R<sub>m</sub> (MPa)</th> <th>A<sub>5</sub> (%)</th> <th>Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>100</td> <td>160</td> <td>17</td> <td>HRc</td> </tr> </tbody> </table>	Heat Treatment	R <sub>P0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness	As Welded	100	160	17	HRc				
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As Welded	100	160	17	HRc											
<b>REDRYING</b>	Not required														
<b>GAS ACC. EN ISO 14175</b>	I1, I3														



# CEWELD ALSi 5

## ALSI 5 0,8MM

Packaging	KG/unit	EanCode
D-100	0,5	8720663407474
D-200	2	8720663407467
D-300	7	8720663407450

## ALSI 5 0,9MM

Packaging	KG/unit	EanCode
D-300	7	8720663407504

## ALSI 5 1,0MM

Packaging	KG/unit	EanCode
D-100	0,5	8720663407481
D-200	2	8720663407498
D-300	7	8720663407511
Drum	80	8720663407528

## ALSI 5 1,2MM

Packaging	KG/unit	EanCode
D-100	0,5	8720663407559
D-200	2	8720663407566
D-300	7	8720663407535
Drum	80	8720663407542

## ALSI 5 1,6MM

Packaging	KG/unit	EanCode
BS-300	7	8720663407573

## ALSI 5 2,0MM

Packaging	KG/unit	EanCode
D-300	7	8720663407580