



CEWELD Cu 58

TYPE	Pure copper wire for welding applications													
APPLICATIONS	continious resistance welding of steel plates, metal cans etc.													
PROPERTIES	• High quality 99.9% pure copper wire • Excelent electrical conductivity • Excellent corrosion resistance													
CLASSIFICATION														
SUITABLE FOR	Sudronic welding of steel cans and sheet metal in general metal fabrication. Usually the wire is in the F21 condition.													
APPROVALS														
WELDING POSITIONS														
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table><tr><td>Cu</td><td>Pb</td><td>O</td></tr><tr><td>99.9</td><td>0.005</td><td>0.04</td></tr></table>	Cu	Pb	O	99.9	0.005	0.04							
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MECHANICAL PROPERTIES	<table><tr><th rowspan="2">Heat Treatment</th><th rowspan="2">R_{P0,2} (MPa)</th><th rowspan="2">R_m (MPa)</th><th rowspan="2">A₅ (%)</th><th>Impact Energy (J) ISO-V</th><th rowspan="2">Hardness</th></tr><tr><th>RT</th></tr><tr><td>As Welded</td><td>200</td><td>300</td><td>40</td><td>60</td><td>HRc</td></tr></table>	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness	RT	As Welded	200	300	40	60	HRc
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		RT												
As Welded	200	300	40	60	HRc									
REDRYING	Not required													
GAS ACC. EN ISO 14175	I1, I3													



CEWELD Cu 58

CU 58 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408174

CU 58 2,0MM

Packaging	KG/unit	EanCode
Drum	250	8720663408167