

## 4.10 C14415 CW117C

### Application Range

Current carrying springs, blade contacts, relay boxes, busbars; very good scrap conditions of tinned scrap, advantageous price. International version of C14415

### Physical Properties

### Chemical Position (reference value) %

Condition	Temper class	Tensile strength		Yield strength	Elongation	Hardness	Electr. conductivity	Bendability	
		T.S. min. - max. MPa	Rp 0.2 min. MPa	A50 min. %	(reference value) HV	R/t <sup>1) 2)</sup> 90°		GW Strip thickness ≤0.5mm	BW Strip thickness ≤0.5mm
				(reference value)		<sup>3)</sup>			
Cold rolled	R250	250 - 320	200		9	60 - 90	47	0	0
Cold rolled	R300	300 - 370	250		4	85 - 110	47	0	0
Cold rolled	R360	360 - 430	300		3	105 - 130	47	0	0
Cold rolled	R420	420 - 490	350		2	120 - 140	47	1	1

\*Reference values at room temperature

\*\*Between 20 and 300 °C

\*\*\* Values for the lowest temper class

1)  $r = x \cdot t$  (strips up to  $t = 0.50$  mm)

2) Sample width = 10 mm / bending at smaller bending widths on request (Evaluation according to page 5.4.2. of Hand-Out)

3) Valid only as thermal stress relieved qualities

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