


International Standards		
International Standards	Symbol	Number
DIN EN 1172: 2012-02	Cu-DHP	CW024A
UNS*	C 12200	*Unifield Numbering System (USA)

Chemical composition in %		
Element	min.	max.
Cu	99.90	-
P	0.015	0.040

Technical Data: Thickness 0.60 - 2.00 mm	
applicable width range	600 mm - 1000 mm
width tolerance	0 / + 2 mm
length tolerance for sheets	0 / + 5 mm
thickness tolerance	
≤ 1,0 mm	+/- 0.02 mm
> 1,0 mm	+/- 0.06 mm
longitudinal edge straightness tolerance - sheets up to 3000 mm	up to 1 mm per 1000 mm, max. 3 mm for 3000 mm gauge length
flatness (transverse to rolling direction)	< 0.2 % of strip width
Tensile strength (R <sub>m</sub> )	240 - 285 N/mm <sup>2</sup>
Proof Strength (R <sub>p0.2</sub> )	180 - 230 N/mm <sup>2</sup>
Elongation (A50)	≥ 15 %
hardness HV	max. 90

Availability	
coil inside diameter Ø - big coil	not possible
sheets	max. 1000x3000 mm
surface	pre-patinated on one side
temporary protective plastic film	not possible
product application	construction
Environmental Product Declaration	ISO 14025 + EN15804
 CE-marked according to EN 14783 and EU directive 89 / 106 / Eec (CPD) - more information on <a href="http://www.kme.com/ce">www.kme.com/ce</a>	

Physical Properties	
density	8.93 g/cm <sup>3</sup>
coefficient of expansion	1.7 mm/m Δ T 100 K
modulus of elasticity at 20° C	132 kN/mm <sup>2</sup>

To be read in conjunction with KME document "Important instructions for Storage, Application and Processing of TECU® Patina\_Variations".

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The technical information contained herein is correct and corresponds to the state-of-art at the time of printing.

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