

Material data sheet CW453K / 2.1030

Chemical composition to DIN EN 12449

Cu %	Fe %	Ni %	P %	Pb %	Sn %	Zn %	Others %
rest	max. 0,10	max. 0,20	0,01- 0,40	max. 0,02	7,50- 8,50	max. 0,20	max. 0,20

Mechanical properties to DIN EN 12449

Temper	Wall thickness <i>t</i> mm max.	Tensile strength <i>R_m</i> N/mm ² min.	0,2 % - Proof stress		Strain <i>A</i> % min.	Hardness			
			<i>R_{p0,2}</i> N/mm ² min.	max.		HV min.	max.	HB min.	max.
M	20	-	-		-	-	-	-	-
R380 ¹⁾	10	380	-	290	55	-	-	-	-
H080 ¹⁾	10	-	-	-	-	80	110	75	105
R450	5	450	250	-	25	-	-	-	-
H115	5	-	-	-	-	115	160	110	155
R520	3	520	440	-	10	-	-	-	-
H155	3	-	-	-	-	155	190	150	185
R590	2	590	520	-	5	-	-	-	-
H180	2	-	-	-	-	180	-	175	-

1) Annealed temper

(No responsibility is accepted for the accuracy of this information)

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