



BRONMETAL

Copper Alloy CuA

Product format:

Tube

Technical characteristics:

Copper alloy tube (round, square, rectangular)

MECHANICAL CHARACTERISTICS

Designations		Wall thickness	Tensile strength	Yield strength at 0.2%	Elongation	Hardness					
Material		Metallurgical state	t	R _m	R _{p0.2}	A	HB		HV		
Symbol	Numerical		mm	N/mm ²	N/mm ²	%	mín.	máx.	mín.	máx.	
			Until included	mín.	mín.	mín.					
		M	20	-	-	-	-	-	-	-	
CuNi10Fe1Mn	CW352H	R290 ^a	20	290	90	30	-	-	-	-	
		H075 ^a	20	-	-	-	75	110	70	105	
		R310	6	310	220	12	-	-	-	-	
		H105	6	-	-	-	105	-	100	-	
		R480	4	480	400	8	-	-	-	-	
		H150	4	-	-	-	150	-	145	-	
		M	20	-	-	-	-	-	-	-	
CuNi30Mn1Fe	CW354H	R370 ^a	10	370	120	35	-	-	-	-	
		H085 ^a	10	-	-	-	85	120	80	115	
		R480	5	480	300	12	-	-	-	-	
		H135	5	-	-	-	135	-	130	-	

^a In the annealed condition

NOTE - 1 N/mm² equivalent to 1 Mpa.