



**BRONMETAL**

Copper Cu

Product format:

Technical characteristics:

Equipment cooling pipes

Round copper tubes for the manufacture of refrigeration and air conditioning



## MECHANICAL CHARACTERISTICS

Treatment state		Yield limit with 0.2 % deformation		Tensile strength	Enlogation	Grain size	
Designation in line with Norm EN 1173	Common term	R <sub>p0.2</sub>		R <sub>m</sub>	A	μm	
		MPa		MPa	%		
		mín.	máx	mín.	mín.	mín.	máx.
Y080 <sup>a</sup>	Superficial hardening	80	140	220	40	15	40
Y040	Light annealed	40	90	220	40	15	40
Y035 <sup>b</sup>	Soft annealed	35	80	210	40	30	60

NOTA - MPa equivalent to 1 N/mm<sup>2</sup>

<sup>a</sup> Only straight lengths  
<sup>b</sup> nominal wall thickness e > 0.6 mm.