



MATERIAL DATA SHEET CW 602N (CUZN36PB2AS)

DESCRIPTION: CW 602N distinguishes itself with outstanding resistance against dezincification and an ideal combination of stress- and hot press behavior. In addition, it features good cold forming properties. This material exhibits a good resistance to corrosion in abrasive- and salt water as well as a medium strength and a high toughness. It is used as construction material.

CHEMICAL COMPOSITION										
%	Cu	Zn	Pb	As	Ni	Fe	Sn	Al	Mn	Miscellaneous
	61,0–63,0	Remainder	1,7 – 2,8	0,02 – 0,15	0,3 max.	0,1 max.	0,1 max.	0,05 max.	0,1 max.	0,2 max.

MECHANICAL PROPERTIES ACCORDING TO DIN EN 12449								
State	Cross-Sectional Dimension		Tensile Strength	0,2 %- Yield Point	Ultimate Strain			Hardness
	Diameter mm	Wrench Size	Rm N/mm ² min.	Rp 0,2 N/mm ² (approximately)	A100 % min.	A11,3 % min.	A % min.	HB / HV (approximately)
M	from 6 to 40	from 5 to 35	As Manufactured					
R280	from 6 to 40	from 5 to 35	280	(120)	-	25	30	(80)
R350	from 6 to 40	from 5 to 35	350	(150)	-	20	25	(90)
R430	from 6 to 14	from 5 to 10	430	(200)	-	12	15	(110)

Remark: the parenthesized data is not a requirement of this standard but is merely for your information.

USE: The main fields of application are industrial- and household faucets and pipe connectors.

NO RESPONSIBILITY IS TAKEN FOR THE CORRECTNESS OF THIS INFORMATION