



ALBRO2.6

technical datasheet

CHEMICAL COMPOSITION

Cu	Zn	Al	Fe	Ni	Mn	Other
Rest	-	-	-	-	-	-

DESCRIPTION OF MATERIAL

This material has high hardness level and machining processes are too hard. This material is also quite useful for deep drawing industry and it can work under the heavy loads.

MECHANICAL PROPERTIES

Production Method	SCRM	CCRM	FRM
Tensile Strength (Rm) N/mm ²	1510	1600	1615
Yield Strength (Rp 0,2) N/mm ²	680	685	710
Elongation (A5) %	-	-	-
Hardness (HB 30)	415	420	425
Elastic Modulus	110 x 10 ³ N/ mm ²		

*** SCRM: Sand Cast R.M, CCRM: Centrifugally Cast R.M, FRM: Forged & Rouh Machined

PHYSICAL PROPERTIES

Density	: 6,90 g/ cm ³
Specific Heat	: 0,42 j/g.k
Electrical Conductivity	: 4 MS/ m
Electrical Conductivity (I.A.C.S.)	: 8 %
Termal Conductivity	: 32 W/ m.K
Coefficient of Thermal Expansion	: 16,0 X 10 ⁻⁶ /K

APPLICATIONS

This material uses in stainless steel industry for deep drawing production.