

MECHANICAL and PHYSICAL PROPERTIES CN B300

Tensile strenght	Yield strenght	Elongation	Hardness Brinell	Density	Thermal Conductivity	Electrical Conductivity	Expansion
R N/mm ²	Rr 0,2% N/mm ²	A 5%	HB 5/250/30	Kg/dm ³	W/m ^{°K}	IACS	20°-200°C

Al	12,5 - 13,5	Continuous Casting	Tensile strength		Yield strength		Elongation	Hardness Brinell		Density	Thermal Conductivity	Electrical Conductivity	Expansion
			650	750	360	400		min. 1	280				
Fe	3,0 - 5,0	Centrifuged	660	760	380	420	min. 1	290	310	7,3	min. 45	min. 8	16
Ni	-		680	780	400	440	min. 1	300	320	7,3	min. 45	min. 8	16
Mn	max 2,0	Forged											
Si	-												
Zn	-												
Sn	-												
Altro	max 0,5												
Cu	Balance												

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