

6262 by EURAL



PRODUCTION PROGRAM

Unit: in				
Drawn	0.313 - 3	0.472 - 2.559	Thick. 0.472 - 2.165	0.472 - 2.362
Extruded	1.181 - 10	1.969 - 6.5	Thick. 1.181 - 5	-

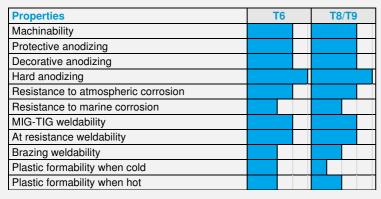


PRESENTATION

This alloy has good machinability and high mechanical characteristics. Moreover, it has good resistance to corrosion and suitability to hard, protective and decorative anodizing.

Main applications: structural components for civil construction, railroad and street heavy vehicles.

Samples of finished products made of Eural bars





Ni Zn

ΑI



Si	0.40 - 0.80
Fe	≤ 0.70
Cu	0.15 - 0.40
Mn	≤ 0.15
Mg	0.80 - 1.20
Cr	0.04 - 0.14

Chemical composition

Ti	≤ 0.15		
Zr			
Pb	0.40 - 0.70		
Bi	0.40 - 0.70		

≤ 0.25

Remainder

Density	lb in ³	0.0983
Modulus of elasticity	ksi	10,008
Coefficient of thermal expansion	_x10 ⁻⁶ °F	13.0
Thermal conductivity at 68°F	W mk	98.8
Electrical resistivity at 68 °F	Ω mm² m	0.038

Physical properties

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	Me	chanica	l proper	ties	
0083	Temper	UTS	YTS	A%	HBW

mediamour properties						
	Temper	UTS ksi	YTS ksi	A%	HBW	
Extruded	T6	37.7	34.8	10		
	T6 *	50.8	46.4	10	105	
Drawn	Т6	42.1	34.8	10		
	T6 *	50.8	42.8	12	95	
	T8	50.0	45.7	4		
	T8 *	52.2	47.9	11	95	
	Т9	52.2	47.9	4		
	T9 *	57.3	55.8	6	110	
* Typical Eural properties						