

ALLUMINIO BRONZO OTTONE RAME GHISA PLASTICHE

2000/53/CE (ELV) - 2011-65-CE (RoHS II)

MATERIALE

Alloy 6026

CHEMICAL COMPOSITION

CHEMICAL ANALYSIS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Ni
min	0,60	0,00	0,20	0,20	0,60	0,00	0,00	0,00	0,00	0,50	
max	1,40	0,70	0,50	1,00	1,20	0,30	0,30	0,20	0,005	1,50	

MECHANICAL PROPERTIES

		DIAM MM	Rm/MPa	Rp0,2/MPa	A%	HB typical
DRAWN	T6	<=80	370	300	8	95
DRAWN	T8	<=80	345	315	4	95
DRAWN	T9	<=80	360	330	4	95

		DIAM MM	Rm/MPa	Rp0,2/MPa	A%	HB typical
EXTRUDED	T6	<=140	370	300	8	95
EXTRUDED	T6	140<d<=200	340	250	8	90
EXTRUDED	T6	200<d<=250	300	200	8	90

TYPICAL PHYSICAL PROPERTIES

Density (kg/m ³)x10 ³
2,72

Coeff. Of thermal expansion (20:100)x10 ⁻⁶	approx. Melting temp range in °C
23,4	580-650

electrical resistivity ohm mm ² /mm		0,039
thermal conductivity W/mk		172
Specific Heat 0-100°C cal./g°C		0,22
Coefficient of Elasticity Mpa		69000

TMS Srl
Via Ponticelli, 35
25014 Castenedolo (BS) ITALY
tel +39 030 2122358
fax +39 030 2126684
www.tmsmetalli.it