



1 ALUMINIUM ALLOY 6262R / GENERALITA' LEGA 6262R (ROHS compliant, Pb < 0.4%)

This Datasheet explains the chemical composition and mechanical properties of wrought products made from aluminium alloy.

La presente scheda definisce la composizione chimica della lega e le caratteristiche meccaniche dei semilavorati in lega di alluminio ottenuti da lavorazione plastica.

2 DESIGNATION / DESIGNAZIONE

- Conventional designation: **Al Mg1SiPb**
Designazione convenzionale
- Numerical designation: **6262R**
Designazione numerica

3 CHEMICAL COMPOSITION / COMPOSIZIONE CHIMICA

Chemical composition %	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bi	Pb	Others	
											Each	Total
6262R	0.40 0.8	0.7 max	0.15 0.40	0.15 max	0.8 1.2	0.04 0.14	0.25 max	0.15 max	0.50 0.85	0.40 max	0.05	0.15

4 MECHANICAL PROPERTIES (indicative min values) / C. MECCANICHE

Product	Tempers	Dimensions [mm]		Direction Specimen	Rm [N/mm ²]		Rp0.2 [N/mm ²]		A50mm % min	Hardness Typical value HBW
		D	S		min	max	min	max		
Extruded/Estruso EN 755-2	T6	D, S ≤ 200		L	260	-	240	-	8	75
Drawn/Trafilato EN 754-2	T6	D, S ≤ 80		L	290	-	240	-	8	85
	T8	D, S ≤ 50		L	345	-	315	-	3	-
	T9	D, S ≤ 50		L	360	-	330	-	3	-

For a complete evaluation, please refer to EN 755-2 (Extruded Product) and EN 754-2 (Drawn Product).

5 PHYSICAL PROPERTIES (indicative values) / CARATTERISTICHE FISICHE

Density	Conducibility % IACS (T62)
2.71 g/cm ³	47-48