



1 ALUMINIUM ALLOY 6026E (Pb < 0.1%)

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

- Numerical designation: 6026E
Designazione numerica

3 CHEMICAL COMPOSITION / COMPOSIZIONE CHIMICA – EN 573-3

Chemical composition %	Si	Fe	Cu	Mn	Mg	Cr	Ti	Zn	Pb	Bi	Sn	Others	
												Each	Total
6026E	0.60 1.40	0.70 max	0.20 0.50	0.20 1.00	0.60 1.20	0.30 max	0.20 max	0.30 max	0.10 max	0.50 1.50	0.05 max	0.05 max	0.15 max

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

Product	Tempers	Dimensions [mm]		Direction Specimen	Rm [N/mm ²]		Rp0.2 [N/mm ²]		A _{50mm} % min	Hardness Typical value HBW
		D	S		min	max	min	max		
Extruded/Estruso EN 755-2	T6, T6510, T6511	D, S ≤ 140		L	370	-	300	-	6	95
		140 < D, S ≤ 200		L	340	-	250	-	6	90
		200 < D, S ≤ 250		L	300	-	200	-	6	

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

5 PHYSICAL PROPERTIES (indicative values) / CARATTERISTICHE FISICHE

Density	Conducibility % IACS (T651)
2.71 g/cm ³	45-48