

PROPRIETATI MECANICE

Alloy	EN	Temper	Diametru (D)	Square Rectangular	Wi R _m min Mpa	R _{p0,2} min Mpa	A%	A ₅₀ mm	Duritate [HB]	
EN AW-6060	AIMgSi	Extruded Tubes - Profiles 755 - 2	Profile							
			<i>Grosime perete</i>							
			T4	≤ 25	120	60	16	14	45	
			T5	≤ 5	160	120	8	6	50	
				3 < e ≤ 25	140	100	8	6	50	
			T6	≤ 3	190	150	8	6	60	
				3 < e ≤ 25	170	140	8	6		
			T64	≤ 15	180	120	12	10		
			T66	≤ 3	215	160	8	6	67	
				3 < e ≤ 25	195	150	8	6		
			Tuburi							
			T4	≤ 15	120	160	16	14	45	
			T5	≤ 15	160	120	8	6	50	
			T6	≤ 15	190	150	8	6	55	
			T64	≤ 15	180	120	12	10		
T66	≤ 15	215	160	8	6	67				
EN AW-6063/6063A	AIMgO, 7si	Extruded Tubes - Profiles 755 - 2	Profile							
			<i>Grosime perete</i>							
			T4	≤ 25	130	65	14	12	55	
			T5	≤ 3	175	130	8	6	60	
				2 < e ≤ 25	160	110	7	5	60	
			T6	≤ 10	215	170	8	6	75	
				10 < e ≤ 25	195	160	8	6	70	
			T64	≤ 15	180	120	12	10	70	
			T66	≤ 10	245	200	8	6	80	
				10 < e ≤ 25	225	180	8	6	75	
			Tuburi							
			T4	≤ 10	130	65	14	12	55	
			T5	10 < e ≤ 25	120	65	12	10	55	
				≤ 25	175	130	8	6	60	
			T6	≤ 25	215	170	10	8	75	
T66	≤ 25	245	200	10	8	80				
EN AW-6005/6005A	AISiMg	Extruded Tubes - Profiles 755 - 2	Profile							
			<i>Grosime perete</i>							
			Deschis							
			T4	≤ 25	180	90	15	13	60	
				≤ 5	270	225	8	6	80	
			T6	5 < e ≤ 10	260	215	8	6	80	
				10 < e ≤ 25	250	200	8	6	75	
			Cu camere							
			T4	≤ 10	180	90	15	13	60	
			T6	≤ 5	255	215	8	6	75	
5 < e ≤ 15	250	200		8	6	75				
Tuburi										
T6	≤ 5	270	225	8	6	80				
	5 < e ≤ 10	260	215	8	6	80				
EN AW-6082	AISiMgMn	Profiles 755 - 2	Profile/tuburi							
			<i>Grosime perete</i>							
			Deschis Cu camere							
			T4	≤ 25	205	110	14	12	65	
			T5	≤ 5	270	230	8	6	80	
			T6	≤ 5	290	250	8	6	100	
5 < e ≤ 25	310	260		10	8	100				