

Mechanical Properties - Diameter

Mekanik Özellikler-Çap

ALLOY	Type	Temper	Diameter	Rm MPa min.	Rp0,2 MPa min.	A% min.	HBW
							Typical value
2007	Extruded	T4, T4510, T4511	≤ 80	370	250	8	95
		T4, T4510, T4511	80 < D ≤ 200	340	220	8	95
		T4, T4510, T4511	200 < D ≤ 250	330	210	7	95
2011	Extruded	T4	≤ 200	275	125	14	95
		T6	≤ 75	310	230	8	110
		T6	75 < D ≤ 200	295	195	6	110
2017A	Extruded	O, H111	≤ 200	250	135	12	45
		T4, T4510, T4511	25 < D ≤ 75	400	270	10	105
		T4, T4510, T4511	75 < D ≤ 150	390	260	9	105
		T4, T4510, T4511	150 < D ≤ 200	370	240	8	105
		T4, T4510, T4511	200 < D ≤ 250	360	220	7	105
2024	Extruded	O, H111	≤ 200	250	150	12	47
		T3, T3510, T3511	≤ 50	450	310	8	120
		T3, T3510, T3511	50 < D ≤ 100	440	300	8	120
		T3, T3510, T3511	100 < D ≤ 200	420	280	8	120
		T3, T3510, T3511	200 < D ≤ 250	400	270	8	120
		T8, T8510, T8511	≤ 150	455	380	5	130

*(EN 755-2)



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							Typical value
5083	Extruded	F	≤ 200	270	110	12	70
			200 < D ≤ 250	260	100	12	70
		O, H111	≤ 200	270	110	12	70
		H112	≤ 200	270	125	12	70
5754	Extruded	F, H112	≤ 150	180	80	14	47
			150 < D ≤ 250	180	70	13	47
		O, H111	D ≤ 150	180 - 250	80	17	45
6061	Extruded	O, H111	≤ 200	150	110	16	30
		T4	≤ 200	180	110	15	65
		T6	≤ 200	260	240	8	95
6082	Extruded	O, H111	≤ 200	160	110	14	35
		T4	≤ 200	205	110	14	70
		T6	≤ 150	310	260	8	95
		T6	150 < D ≤ 200	280	240	6	95
		T6	200 < D ≤ 250	270	200	6	95
7075	Extruded	O, H111	≤ 200	275	165	10	60
		T6, T6510, T6511	25 < D ≤ 100	560	500	7	150
		T6, T6510, T6511	100 < D ≤ 150	550	440	5	150
		T6, T6510, T6511	150 < D ≤ 200	440	400	5	150
		T73, T73510, T73511	25 < D ≤ 75	475	405	7	135
		T73, T73510, T73511	75 < D ≤ 100	470	390	6	135
		T73, T73510, T73511	100 < D ≤ 150	440	360	6	135

*(EN 755-2)

