

# Aluminum Extrusions

	FORMING	MACHINING	WELDING	SOLDERING	PROTECTIVE ANODISING	AESTHETIC ANODISING	TEMPER	PROOF STRESS	TENSILE STRENGTH	COMMON USES
1050	GOOD	POOR	GOOD	GOOD	EXCELLENT	EXCELLENT	F	-		ELECTRICAL CONDUCTIVITY
1200	GOOD	POOR	GOOD	GOOD	GOOD	GOOD	-	-	65	ELECTRICAL/HEAT CONDUCTORS
2014A	GOOD	GOOD	N/A	N/A	FAIR	N/A	T4	230	370	HIGH STRENGTH AEROSPACE
							T6	370	415	
							T6511	370	435	
2024	EXCELLENT	GOOD	N/A	N/A	FAIR	N/A	T3	260	393	HIGH STRENGTH AEROSPACE
							T3510/11	260	393	
3003	GOOD	FAIR	GOOD	GOOD	GOOD	POOR	0	-	97	FORMED HEAT EXCHANGE
5083	GOOD	GOOD	GOOD	N/A	GOOD	GOOD	0	125	275	MARINE
6005	GOOD	GOOD	GOOD	GOOD	GOOD	FAIR	T6	220	260	MEDIUM STRENGTH COMMERCIAL
6060	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	T4	60	120	GENERAL COMMERCIAL
							T6	100	145	
							T6511	150	190	
6061	GOOD	GOOD	GOOD	GOOD	GOOD	FAIR	T4	115	190	HIGH/MEDIUM STRENGTH COMMERCIAL
							T6	240	280	
							T6511	240	280	
6063	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	0	-	140	GENERAL COMMERCIAL
							F	-	-	
							T4	70	130	
							T5	110	150	
							T6	160	195	
6063A	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	T4	90	150	CONSISTENT FORMING
							T5	160	200	
							T6	190	230	
6082	GOOD	GOOD	GOOD	GOOD	GOOD	FAIR	0	-	170	HIGH STRENGTH COMMERCIAL
							F	-	-	
							T4	120	190	
							T5	230	270	
							T6	255	295	
6463	GOOD	GOOD	GOOD	GOOD	GOOD	EXCELLENT	T6511	255	295	HIGH POLISHED COMMERCIAL
							T4	75	125	
							T6	160	185	
7020	POOR	GOOD	GOOD	GOOD	GOOD	GOOD	T6	280	340	AEROSPACE/AUTOMOTIVE
7050	FAIR	GOOD	N/A	N/A	N/A	POOR	T7651	490	550	HIGH STRENGTH AEROSPACE
7075	FAIR	GOOD	N/A	N/A	FAIR	POOR	T6	480	540	HIGH STRENGTH AEROSPACE