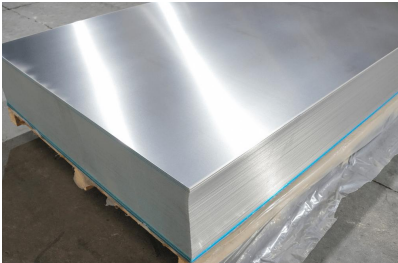


1. Chemical Composition

合金 Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	参考标准 Standard
5182	0.20	0.35	0.15	0.20~0.50	4.0~5.0	0.10	0.25	0.10	EN/ASTM
5754	0.40	0.40	0.10	0.50	2.6~3.6	0.30	0.20	0.15	

2. Specification:Sheet/plate

合金 Alloy	状态 Temper	厚度(mm) Thickness	宽度(mm) Width
5182	O/H111	0.5~3.5	1200~2650
5754			



3. Mechanical Properties

合金 Alloy	状态 Temper	抗拉强度 Rm(Mpa) Tensile Strength	屈服强度 Rp0.2(MPa) Yield Strength	断裂延伸率 A80(%) Elongation at Break	均匀延伸率 Ag(%) Uniform Elongation	塑性应变比 r Plastic Strain Ratio	应变硬化指数 n Strain Hardening Exponent	屈强比 Rp/Rm Yield Tensile ratio
5182	O/H111	≥270	120~160	≥23	≥20	≥0.6	≥0.26	≤ 0.6
5754	O/H111	210~240	100~130	≥20	≥17	≥0.6	≥0.26	—

4. Typical Applications

Applied to the automotive inside hood,automotive inside door--5182-0,5754-0

