

1.Chemical Composition

合金 Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	参考标准 Standard
6016	1.0~1.5	0.50	0.20	0.20	0.25~0.6	0.10	0.20	0.15	EN/GB
6014	0.3~0.6	0.35	0.25	0.05~0.20	0.40~0.80	0.20	0.10	0.10	

Specification

合金 Alloy	状态 Temper	厚度(mm) Thickness	宽度(mm) Width
6016	T4/T4P	0.5~1.5	1200~2650
6014			

2.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
6016	T4/T4P	205~240	85~130	≥24	≥20	≥0.6	≥0.26	≤ 0.55
6014	T4/T4P	195~260	95~135	≥23	≥19	≥0.6	≥0.24	≤ 0.55

3.Typical Applications

Applied to the automotive hood, automotive roof and automotivedoor--6016-T4 coil

