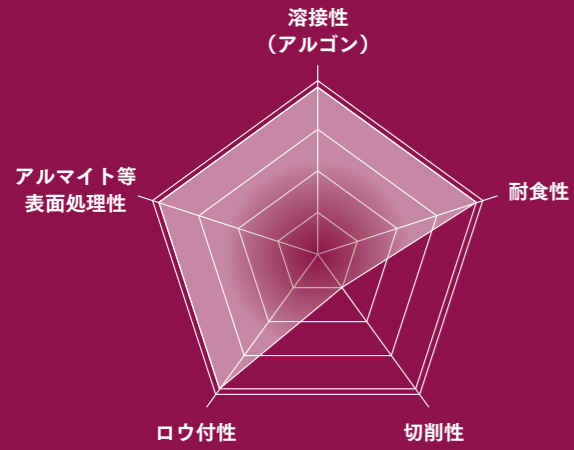


A1050・A1070

純度99.5%以上の純アルミニウム材料



アルミニウム合金中最良の耐食性
 良好な成形性・加工性 / 良好な電気・熱伝導性
 ※強度は低いため構造材には不適

主な用途

- 電気機器** 導電材 / フィン / モーター / フレーム
- 建築関連** 倉庫 / 住宅 / 照明機具 / 装飾品
- 一般機器** ネームプレート / 反射板

A1050P 板材

PLATES

● 在庫品 ● 取扱品 ● 定尺販売

| 板厚 (mm) | 調質 | | 公差 (mm) |
|------------|-----|------|------------|
| | H24 | H112 | |
| 0.2 | ● | | ±0.05 |
| 0.3 | ● | | ±0.05 |
| 0.4 | ● | | ±0.05 |
| 0.5 | ● | | ±0.05 |
| 0.6 | ● | | ±0.05 |
| 0.8 | ● | | ±0.05 |
| 1.0 | ● | | ±0.05 |
| 1.2 | ● | | ±0.06 |
| 1.5 | ● | | ±0.06 |
| 1.6 | ● | | ±0.06 |
| 2.0 | ● | | ±0.08 |
| 2.5 | ● | | ±0.13 |
| 3.0 | ● | | ±0.13 |
| 4.0 | ● | | ±0.2 |
| 5.0 | ● | | ±0.23 |
| 6.0 | ● | | ±0.28 |
| 8.0 | | ● | ±0.55 |
| 10.0 | | ● | ±0.55 |
| 12.0 | | ● | ±0.65 |
| 15.0 | | ● | ±0.65 |
| 20.0 | | ● | ±0.8 |
| 25.0 | | ● | ±0.9 |
| 30.0 | | ● | ±1.0 |
| 40.0 | | ● | ±1.1 |
| 50.0 | | ● | ±1.3 |

・純度99.5%の純アルミニウム板材
 ・定尺サイズ：400×1200から

A1070B 丸棒

ROUND BARS

● 取扱品 ● 定尺(2m)販売

| 径 (mm) | 調質 | |
|-----------|-----|---|
| | H14 | F |
| 3 | ● | |
| 4 | ● | |
| 5 | ● | |
| 6 | ● | |
| 7 | ● | |
| 8 | ● | |
| 9 | ● | |
| 10 | ● | |
| 11 | | ● |
| 12 | | ● |
| 13 | | ● |
| 14 | | ● |
| 15 | | ● |
| 16 | | ● |
| 17 | | ● |
| 18 | | ● |
| 19 | | ● |
| 20 | | ● |
| 22 | | ● |
| 25 | | ● |
| 26 | | ● |
| 28 | | ● |
| 30 | | ● |
| 32 | | ● |
| 35 | | ● |
| 36 | | ● |
| 38 | | ● |
| 40 | | ● |
| 42 | | ● |
| 45 | | ● |
| 50 | | ● |

・90φまでは抽伸材(BD)90φ超は押出材(BE)になります。

調質

- H112** 展伸材においては積極的な加工硬化を加えず、製造状態で機械的性質の保証されたもの。
- H14** 冷間加工を行い、加工硬化させたもの。(1/2 硬質)
- H24** 所定の値以上に加工硬化(H18)した後、適度の熱処理によって所定の強さまで低下したもの。(1/2 硬質)
- F** 製造のままのもの。

| 標準機械的性質 | 調質 | 形状 | 引張強さ | 耐力 | 伸び | ブリネル硬さ(10/500) |
|-------------------|------|----|-----------------------|-----------------------|------|----------------|
| 代表値であり、保証値ではありません | H24 | 板 | 110 N/mm ² | 105 N/mm ² | 10 % | 32 |
| | H112 | 板 | 78 N/mm ² | 50 N/mm ² | 50 % | 24 |
| | H112 | 棒 | 69 N/mm ² | 29 N/mm ² | 40 % | 18 |

| 化学成分 | Si | Fe | Cu | Mn | Mg | Zn | Cr | Ti | Al |
|---------------|--------|--------|--------|--------|--------|--------|----|--------|---------|
| Al-Cu-Mg系 (%) | 0.25以下 | 0.40以下 | 0.05以下 | 0.05以下 | 0.05以下 | 0.05以下 | — | 0.03以下 | 99.50以上 |

A1070T パイプ

ROUND TUBES

● 取扱品 ● 定尺(4m)販売

| 外径 (mm) | 肉厚 (mm) | 調質 | | 外径 (mm) | 肉厚 (mm) | 調質 | | 外径 (mm) | 肉厚 (mm) | 調質 | | |
|------------|------------|-----|--|------------|------------|-----|-----|------------|------------|-----|---|--|
| | | H14 | | | | H14 | | | | H14 | | |
| 6.0 | 1.0 | ● | | 25.0 | 1.0 | ● | | 50.0 | 5.0 | ● | | |
| 8.0 | 0.8 | ● | | | 1.5 | ● | | | 60.0 | 3.0 | ● | |
| 8.0 | 1.0 | ● | | | 2.0 | ● | | | | 4.0 | ● | |
| 10.0 | 1.0 | ● | | 28.0 | 3.0 | ● | | 65.0 | 5.0 | ● | | |
| | 1.5 | ● | | | 2.0 | ● | | | 3.0 | ● | | |
| 12.0 | 1.0 | ● | | 30.0 | 1.0 | ● | | 70.0 | 5.0 | ● | | |
| | 2.0 | ● | | | 2.0 | ● | | | 3.0 | ● | | |
| 12.7 | 1.0 | ● | | 32.0 | 3.0 | ● | | 75.0 | 5.0 | ● | | |
| 14.0 | 1.0 | ● | | | 2.0 | ● | | | 80.0 | 3.0 | ● | |
| | 2.0 | ● | | 3.0 | ● | | 5.0 | ● | | | | |
| 15.0 | 1.0 | ● | | 35.0 | 2.0 | ● | | 85.0 | 5.0 | ● | | |
| | 1.0 | ● | | | 3.0 | ● | | | 3.0 | ● | | |
| 16.0 | 1.5 | ● | | 38.0 | 2.0 | ● | | 90.0 | 5.0 | ● | | |
| | 2.0 | ● | | | 3.0 | ● | | | 3.0 | ● | | |
| 17.0 | 1.0 | ● | | 40.0 | 1.0 | ● | | 100.0 | 5.0 | ● | | |
| | 1.0 | ● | | | 2.0 | ● | | | 4.0 | ● | | |
| 18.0 | 1.5 | ● | | 42.0 | 3.0 | ● | | 110.0 | 5.0 | ● | | |
| | 1.0 | ● | | | 4.0 | ● | | | 3.0 | ● | | |
| 19.0 | 1.5 | ● | | 43.0 | 2.0 | ● | | 120.0 | 5.0 | ● | | |
| | 2.0 | ● | | | 1.5 | ● | | | 3.0 | ● | | |
| | 3.0 | ● | | | 2.0 | ● | | | 5.0 | ● | | |
| 20.0 | 1.0 | ● | | 45.0 | 3.0 | ● | | 130.0 | 5.0 | ● | | |
| | 1.5 | ● | | | 5.0 | ● | | | 3.0 | ● | | |
| | 2.0 | ● | | | 1.5 | ● | | | 5.0 | ● | | |
| 22.0 | 1.0 | ● | | 50.0 | 2.0 | ● | | 150.0 | 5.0 | ● | | |
| | 1.5 | ● | | | 3.0 | ● | | | 3.0 | ● | | |
| | 2.0 | ● | | | 4.0 | ● | | | 5.0 | ● | | |
| 60.0 | 5.0 | ● | | 165.0 | 5.0 | ● | | | | | | |
| | 5.0 | ● | | | | | | | | | | |

・すべて抽伸(TD)のみです。
 ・定尺は各サイズによって異なりますので、詳しくはお問い合わせください。