

散熱片產品說明書/Fins

■ 特點與應用/ Product Information

冷暖氣機的熱交換器用之親水性塗層散熱片及疏水性塗層散熱片(耐蝕性佳)。

Hydrophilic coated fins and hydrophobic coated fins (better corrosion resistance) for heat exchangers of air conditioners.

■ 化學成分/ Chemical Composition

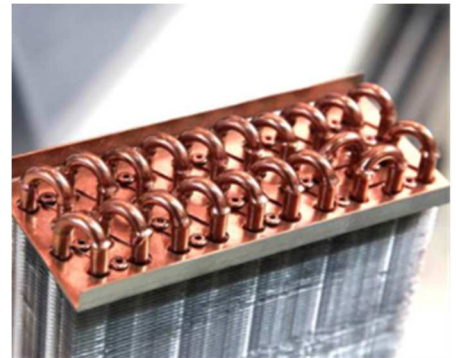
合金編號 Alloy		矽 Si	鐵 Fe	銅 Cu	錳 Mn	鎂 Mg	鋅 Zn	鈦 Ti	鋁 Al
1100	Max	0.95 (Si+Fe)		0.20	0.05	—	0.10	—	—
	Min	—		0.05	—	—	—	—	99.0
1200	Max	1.0 (Si+Fe)		0.05	0.05	—	0.10	0.05	—
	Min	—		—	—	—	—	—	99.0
1300	Max	0.20	0.40	0.10	0.40	0.05	0.17	0.05	—
	Min	—	—	—	—	—	—	—	99.0
3102	Max	0.20	0.40	0.10	0.40	0.05	0.10	0.05	—
	Min	—	—	—	0.05	—	—	—	99.0

Wt %

■ 特性/ Features

壹. 機械性能/Mechanical Properties (t=0.09~0.12mm):

項目/ITEM	抗拉強度/TS (N/mm ²)	伸長率/EL (%)
1100-H22	100~135	≥15
1200-H22	95~130	≥15
1100-H24	110~150	≥8
1300-H26	125~160	≥4
3102-H26	120~160	≥4
1100-O	80~110	≥15



貳. 漆膜性能/Film Specification

規格/SPEC.	漆種型號/Coating Type				備註/ Remarks
	CH101	CH202	CB003	CB006	
項目/ITEM					
初期親水性/Contact angle	15°以下	15°以下	—	—	
持續親水性/Hydrophilic durability	35°以下	40°以下	—	—	流水 100hrs
耐蝕性/Corrosion resistance	≥RN 9.5	≥RN 9.5	—	—	鹽水噴霧(240hrs)
	≥RN 8.0	≥RN 9.0	≥RN 9.5	—	鹽水噴霧(500hrs)
	—	—	—	≥RN 9.5	鹽水噴霧(1000hrs)
顏色/Color	淺藍色/blue	淺藍色/blue	淺藍色/blue	藍色/blue	



參. 尺寸公差/Size tolerance

厚度 Thickness (mm)	厚度公差 Thickness tol. (mm)	寬度 Width (mm)	寬度公差 Width tol. (mm)
0.09 ≤ T ≤ 0.30	±5%	100 ≤ W < 1000	±0.5
		1000 ≤ W ≤ 1630	±1.0

■ 可接單規範/ Dimensions

壹. 散熱片/Bare Fin:

鋁種 Alloy	調質度 Temper	厚度 Thickness (mm)	寬度及適用內徑 Width & I.D. (mm)		最大外徑 Max. O.D. (mm)
1050 1100	O, H22, H24	0.095 ≤ T ≤ 0.30	100 ≤ W ≤ 1630	150, 200, 305	1000
1200	H22, H24	0.095 ≤ T ≤ 0.30			
1300	H26	0.090 ≤ T ≤ 0.30	300 ≤ W ≤ 1630	508	
3102	H26	0.095 ≤ T ≤ 0.30			

貳. 塗漆散熱片/Coating Fin:

鋁種 Alloy	調質度 Temper	厚度 Thickness (mm)	寬度及適用內徑 Width & I.D. (mm)		最大外徑 Max. O.D. (mm)
1050 1100	O, H22, H24	0.095 ≤ T ≤ 0.30	100 ≤ W ≤ 1390	150, 200, 305	1000
1200	H22, H24	0.095 ≤ T ≤ 0.30			
1300	H26	0.090 ≤ T ≤ 0.30	300 ≤ W ≤ 1390	508	
3102	H26	0.095 ≤ T ≤ 0.30			

