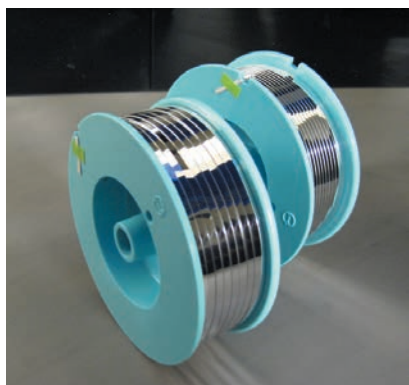


Characteristics

- Excellent corrosion resistance (Equal to TANW wire)
- Corresponds to a multi size.
Width 0.5mm~2.0mm,
Thickness 0.10mm~0.30mm
- Satisfactory surface smoothness



特 徴

- 優れた耐湿性(TANWワイヤ同等)
- 多寸法に対応
幅 0.5mm~2.0mm
厚さ 0.10mm~0.30mm
- 良好な表面平滑度



Cross Section after PCT

	0hrs	500hrs	1000hrs
TABR w 2.0 × t 0.2mm			

PCT Condition : 121degC 100%RH 2atm

Standard Size of TABR

Type タイプ	Width	Thickness	Width	Thickness	Width	Thickness
	幅	厚		幅		厚
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
TABR	0.50±0.050	0.10±0.010	1.50±0.075	0.15±0.015	2.00±0.100	0.15±0.015
	0.75±0.050	0.10±0.010	1.50±0.075	0.20±0.020	2.00±0.100	0.20±0.020
	1.00±0.050	0.10±0.010	1.50±0.075	0.25±0.025	2.00±0.100	0.25±0.025
	1.00±0.050	0.20±0.020	1.50±0.075	0.30±0.030	2.00±0.100	0.30±0.030
	1.50±0.075	0.10±0.010	2.00±0.075	0.10±0.010		

TABR Data Sheet
General Properties

Width (mm)	0.50	0.75	1.00	1.00	1.50	1.50	1.50	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.00	ASTM F205-94
Tolerance (mm)	+/-0.050	+/-0.050	+/-0.050	+/-0.050	+/-0.075	+/-0.075	+/-0.075	+/-0.075	+/-0.075	+/-0.075	+/-0.100	+/-0.100	+/-0.100	+/-0.100	+/-0.100	
Thickness (mm)	0.10	0.10	0.10	0.20	0.10	0.15	0.20	0.25	0.30	0.10	0.15	0.20	0.25	0.30	ASTM F205-94	
Tolerance (mm)	+/-0.010	+/-0.010	+/-0.010	+/-0.020	+/-0.010	+/-0.015	+/-0.020	+/-0.025	+/-0.030	+/-0.010	+/-0.015	+/-0.020	+/-0.025	+/-0.030		
Breaking Load (gf)	275	413	550	900	675	1,013	1,350	1,688	2,025	900	1,350	1,800	2,250	2,700	Tensile Tester Jaw Length = 100mm Production Guide 2012-3 10H	
Elongation (%)	-425	-638	-850	-1,500	-1,125	-1,688	-2,250	-2,813	-3,375	-1,500	-2,250	-3,000	-3,750	-4,500		
		10.0 ≤														
maximum winding length (m)	No.88	200	300	200	100	100	100	100	50	50	100	100	100	50	50	50
	No.120	-	500	600	500	600	500	400	300	250	500	400	300	200	200	150

Physical Property

Hardness (HV)	Ribbon	15 - 30														Vickers tester
Density (g/cm ³)		2.7														ASTM
Resistivity (uΩcm) @ 20°C		2.7														Metals Data Book
Fusing Current (A, Length=3mm,10sec)		10.6	15.9	21.1	42.3	31.7	47.6	63.4	79.3	95.1	42.3	63.4	84.5	105.7	126.8	For Reference (Calculated Value Based by Measurement)
Electrical resistance (Ω, Length 10mm, Room Temp.)		4.5	3.1	2.3	1.2	1.5	1.0	0.8	0.6	0.5	1.1	0.8	0.6	0.5	0.4	Calculated Value
		- 6.7	- 4.3	- 3.2	- 1.6	- 2.2	- 1.4	- 1.1	- 0.8	- 0.7	- 1.7	- 1.1	- 0.8	- 0.6	- 0.5	
Thermal Conductivity @ 20°C (W/m/K)		238														Metals Data Book
Linear Expansion Coefficient (0-100°C) (ppm/K)		23.5														Metals Data Book
Elastic Modulus (GPa)		20 - 50														Tensile Tester
Melting Point (°C)		660														Metals Data Book