

metastar® YT564 meta-aramid insulation paper

Product Specification

I、Property & Application

- 1、APPROVED BY UL94V-0 AND UL746B RTI-210°C, UL NO.E331406;
- 2、100% META ARAMID (MPIA) COMPOSITION. Good HIGH TEMPERATURE RESISTANT INSULATION MATERIAL.
- 3、Environment-friendly & Safe, Flame retardant, Chemical Resistance, Radiation Resistant.
- 4、Compact Structure, Smooth Surface, High Mechanical Strength, Good electric insulation property, Low losses.
- 5、YT564 can be used to laminate with polyester and polyimide film to make F Class and H Class flexible materials that can be used in many kinds of transformer, motors and generator.
- 6、Meta aramid paper YT564 have 4 standard thickness from 0.04mm to 0.13mm.

II、QUALITY & SPECIFICATION

Items		Value				Test Method
3	Dimension	Width 980mm or 2000mm				Flexible Rule
	Standard Thickness	YT564 -0.04	YT564 -0.05	YT564 -0.08	YT564 -0.13	
4	Thickness, mm	0.043	0.054	0.08	0.13	GB/T451.3-2002
5	Basis Wight, g/m2	29	38	63	116	GB/T451.2-2002
6	Density, g/cc	0.67	0.72	0.79	0.89	GB/T451.2-2002
7	Tensile Strength MD ,kN/m	22	32	60	125	GB/T12914-200 8
8	Tensile Strength CD,kN/m	8	14	25	50	
9	Elongation MD, %	4.5	5.5	7.0	8.5	
10	Elongation CD, %	5.0	6.0	8.0	10	
11	Tear strength MD, N	0.5	0.7	1.2	1.7	GB/T455-2002
12	Tear Strength CD, N	0.7	1.1	2.0	2.8	
13	Dielectric Strength , kV/mm	11	12	12	12	GB/T1408.1-200 6
14	Shrinkage MD 300°C/40min, %	1.4	1.5	1.5	2.1	Refer to IEC60819-2: 2002
15	Shrinkage CD 300°C/40min, %	4	4	5	6	

III、Product Specification

Thickness		Basis weight	Width	Length	Weight
mm	mil	g/ m ²	mm	m	kg
0.04	1.5	29	980	3000	82
0.05	2	38	980	2000	75
0.05	2	38	980	4000	150
0.05	2	38	980	5000	190
0.08	3	61	980	1350	81
0.08	3	61	980	3580	215
0.13	5	110	980	750	82
0.13	5	110	980	1400	150

IV、Environmental Chemical Substances

- 1、Don't have 6 hazardous substance listed in EU ROHS. SGS test report No.TSNEC1200676101;
- 2、Don't have Substances of high concern (SVHC) listed in EU REACH regulation., SGS test report No.TSNEC1200020601;
- 3、With SGS TEST, don't have these hazardous substances, Such as Benzotriazole, Phthalate, PAH polycyclic aromatic hydrocarbon, PFOS perfluorinated PFOA octane, total acid, TBBP -a tetrabromobisphenol A, HBCDD hexabromocyclododecane, DMF, dimethyl fumarate, PVC, polyvinyl chloride (PVC).

V、Product package

- 1、Inside packing: Plastic film, Paper tube, Corrugated board, Bottom sub;
- 2、Outside packing: Corrugated Carton, Sales label on carton.
- 3、Transport Package: For normal Width roll. The cartons will fixed by plastic belt on wood pallet.

VI、Preservation method: Indoor Preservation, Prohibit air storage, Prohibit damped and sunshine for long time.

VII、Service Call: 0086-535-6955609, Fax: 0535-6931150

Working time: 8:00 am - 16:00 pm, Monday – Friday.

metastar

Yantai Metastar Special Paper Co., Ltd., China

**Comprehensive Strategic Collaboration Partner in India
Resistance Alloys Impex LLP**

1-A Chemox House, 7 Barrack Road, Mumbai - 400 020

Mob: 98209 62560 (Rohan M. Mehta - Partner)

Tel: 022-6610 7940 | Email: rail@railnem.com