



GREEN GPIFL

POLYIMIDE FILM

Solution for Electric Heat Resistance and Insulation

Product Description

GREEN GPIFL is condensed pyromellitic dianhydride(PMDA)and Diamino diphenyl ether(DDE) in strong solvents, and then be treated by imine at a high temperature.

GREEN GPIFL is Halogen free and it meets ROHS standard.

GREEN GPIFL with fire resistance rated at 94V-0.

GREEN GPIFL characteristics:

- excellent electrical insulation
- outstanding dimensional and chemical stability
- great thermal resistance
- terrific radiation resistance

Application

GREEN GPIFL is mainly applied in electronic parts, mechanic components, insulation on electrics, composite insulators, PCB and FPC.

Specification

Model No.	Total Thickness		Thermal Shrinkage Rate				Elongation		Color
			Vertically (150℃)	Horizontally (150℃)	Vertically (150℃)	Horizontally (150℃)	Vertically	Horizontally	
	±mic	%	%	%	%	%	%		
GPIFL-012	Polyimide Film	12.5	0.24	0.03	0.50	0.14	35	55	Amber
GPIFL-012W	Polyimide Film	12.5	0.24	0.03	0.50	0.14	35	55	Amber
GPIFL-025	Polyimide Film	25	0.20	0.05	0.70	0.20	50	74	Amber
GPIFL-025W	Polyimide Film	25	0.20	0.05	0.70	0.20	50	74	Amber
GPIFL-030	Polyimide Film	30	0.18	0.10	0.90	0.30	65	68	Amber
GPIFL-030W	Polyimide Film	30	0.18	0.10	0.90	0.30	65	68	Amber
GPIFL-040	Polyimide Film	40	0.16	0.08	1.00	0.25	70	72	Amber
GPIFL-040W	Polyimide Film	40	0.16	0.08	1.00	0.25	70	72	Amber
GPIFL-050	Polyimide Film	50	0.14	0.10	1.18	0.20	82.8	88.8	Amber
GPIFL-050W	Polyimide Film	50	0.14	0.10	1.18	0.20	82.8	88.8	Amber
GPIFL-075	Polyimide Film	75	0.05	0.05	0.96	0.23	93.1	121	Amber

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Model No.	Total Thickness		Thermal Shrinkage Rate				Elongation		Color
			Vertically (150°C)	Horizontally (150°C)	Vertically (150°C)	Horizontally (150°C)	Vertically	Horizontally	
	± mic	%	%	%	%	%	%		
GPIFL-075W	Polyimide Film	75	0.05	0.05	0.96	0.23	93.1	121	Amber
GPIFL-100	Polyimide Film	100	0.07	0.03	0.74	0.36	103	121	Amber
GPIFL-125	Polyimide Film	125	0.05	0.04	1.50	0.21	78	107	Amber
GPIFL-150	Polyimide Film	150	0.08	0.05	0.83	0.42	118	124	Amber
GPIFL-175	Polyimide Film	175	0.20	0.02	1.00	0.20	76	104	Amber
GPIFL-185	Polyimide Film	185	0.06	0.07	0.80	0.35	106	113	Amber
GPIFL-200	Polyimide Film	200	0.21	0.10	1.00	0.50	70	68	Amber
GPIFL-225	Polyimide Film	225	0.20	0.20	1.20	0.40	101	114	Amber
GPIFL-250	Polyimide Film	250	0.09	0.12	1.50	1.80	102	93	Amber
EXP	12 months								
Storage Conditions	20°C 65%R.H								

【Note】

It should be noted that the above listed specifications is only an average value. It is for reference only.

No prior notice will be given for any changes of technical specifications.