



PET FILM for ELECTRICAL INSULATING

(LukiFilm # 05052-33-110)

PRODUCT DISCRIPTION

- Pet Film for Electrical Insulating. Product No.: LukiFilm # 05052-33-110.

APPLICATIONS

- Slot and coil insulation of motor, Separate insulating base material between the coils of dry transformer etc.

TECHNICAL PERFORMANCE

Item	Unit	Index value	Test method	
Colour		Milky White		
Standard thickness	µm	125	GB12802.2-2004	
Thickness deviation	%	±3	GB12802.2-2004	
Tensile strength	MD	Mpa	GB/T 13542.2-2009	
	TD			≥160
Elongation at break	MD	%		≥170
	TD			≥110
Heat shrinkage (150°C,30min)	MD	%		≥90
	TD			≤1.5
Electric strength	MD	V/µm	≤1.0	
	TD		≥90	
Volume resistivity	Ω.m	≥1×10 ¹⁴	GB/T 1410-2006	
Dissipation Factor (50Hz) ≤		3×10 ⁻³	GB/T 1409-2006	
Relative permittivity (50Hz)		2.9~3.4		

Note: Dissipation factor and Relative permittivity are tested by type inspection, others are by delivery inspection

IMPORTANT NOTICE

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Given the countless number of possibilities which may affect the performance of the Luki's product, and some of which are within the user's knowledge and control, it is therefore essential for the user to determine whether the Luki's product is fit or suitable for that particular purpose or method of application.

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