

Physical Properties

DFD250 (Black)

DF6025 (Clear)

Properties of Flame-resistant Polyester Film

No.	Properties	Units	Test values			Test methods
			50um	100um	250um	
			VTM-0	VTM-0	VTM-0	
1.	Tensile strength (MD/TD)	MPa	131	120	105	IEC 674-2
2.	Elongation at break (MD/TD)	%	131	138	145	ICE 674-2
3.	Thermal shrinkage at 150°C for 30min	%	2.8	2.1	2.0	ICE 674-2
4.	Dielectric strength (50Hz)	%	166	145	71	ICE 674-2
5.	Oxygen index		44	45	45	ANSI/UL94-1985

The guides for applications

The film is applicable for use in electric motors and electric apparatus, architectural decoration material which require high safety.

Note: This data listed in the table are actual measured values, non-guarantee values. Because the using conditions can't be controlled by Supplier, users are advised to perform their own tests to determine if adoption.

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