

Dexnyl© PI Fiberglass SF Polyimide Film_52
Technical Data Sheet

No.	Test item	Measu -re	Specification	
			Requirement	Testing Results
1	TG	°C	≥290°C	300°C
2	Flame-Resisting	-	V-0	V-0
		-		
3	Volume resistance	MΩ-c m	≥10 ⁶	2.0×10 ⁸
			≥10 ³	5.0×10 ⁸
4	Surface resistance	MΩ	≥10 ⁴	3.0×10 ⁷
			≥10 ³	5.0×10 ⁷
5	Arc resistance	S	≥60	115
6	Dielectric breakdown	KV	≥10	14
7	Dielectric constant (1MHZ)	-	≤5.0	4.0
8	Dielectric loss angle (1MHZ)	-	≤0.035	0.01
9	Flexural strength-transverse	Mpa	≥456	495
10	Flexural strength-portrait	Mpa	≥379	440
11	Water absorption	%	≤0.5	0.1
12	ROHS,REACH	-	FREE	FREE

■ Sample thickness : 0.48mm. The specified values are for indication purpose base on standard testing and does not ensure specific properties, or the suitability for certain application, therefore BIEGLO does not assume any legal responsibility for an improper usage.
Status - May 2021