



EPOXY GLASS CLOTHS PRODUCTS

3240

- * Temperature grade: B glass (130°C)
- * Color: nature, red, green, black
- * Thickness: 0.5-80mm
- * Size: 1220x2470mm

3240-1 & 3240-2

- * Temperature grade: B glass (130°C)
- * Color: nature, yellow
- * Thickness: 0.5-80mm
- * Size: 1220x2470mm

Properties		Unit	3240	3240-1	3240-2
Flexural strength perpendicular to lamination A: under normal conditions E-1/150:150±5c	≥	Mpa	340	320	320
Impact Strength (Notched Charpy)	≥	KJ/m ²	33	30	30
Insulation Resistance after immersion in water (D-24/23) oil for 1.0mm thick	≥	W	5.0×10 ⁸	1.0×10 ⁸	1.0×10 ⁸
Dielectric strength	≥	KV/mm	14.2	14.2	8.0
Breakdown voltage parallel to laminations (in 90±2°C transformer oil)	≥	KV	35	30	30
Permittivity (48-62Hz)	≤	-	5.5	-	-
Permittivity (1MHz)	≤	-	5.5	-	-
Dissipation factor (48-62Hz)	≤	-	0.04	-	-
Dissipation factor (1MHz)	≤	-	0.04	-	-
Water absorption (D-24/23, 1.6mm in thickness)		mg	19	19	19
Density		g/cm ³	(1.70-1.90)	(1.70-1.90)	(1.70-1.90)
Flammability		class	-	-	-
Color		-	Natural	Natural	Natural
Reference standard		-	Q/TXXFR002-2009		



Specific and Technic

Leading insulation materials supplier
Service dedicated, Quality assured!

LAMIANTED SHEET/ROD

F880A

* Temperature grade: B glass (130°C)
 * Color: green
 * Thickness: 0.5-80mm
 * Size(mm): 1020x1220 1020x2040
 220x2470

F881A

*Temperature grade:B glass(130°C)
 *Color: nature, green
 * Thickness: 0.5-80mm
 * Size(mm): 1020x1220 1020x2040 1220x2470

F882A

* Temperature grade: F glass (155°C)
 * Color: nature, green
 * Thickness: 0.5-80mm
 * Size(mm): 1020x1220 1020x2040
 220x2470

F883A

* Temperature grade: F glass (155°C)
 * Color: nature, green
 * Thickness: 0.5-80mm
 * Size(mm): 1020x1220 1020x2040 1220x2470

Properties		Processing condition	Unit	Nominal thickness of sheet to which of sheet test is applicable	G10 (F880A)	FR-4 (F881A)	G11 (F882A)
Flexural	LW	A	Mpa	≥1.6	-	-	-
	CW				350	350	350
Strength	LW	E-1/150 T 150			-	-	-
	Bonding strength		A	≥10	6500	6500	6500
		D-48/50	N		-	-	-
Impact streng	LW	E-48/508/50	KJ/m ²	≥5	-	-	-
	CW				37(A)	37(A)	37(A)
Dielectric strength perpendicular to laminations (in90±2°C transformer oil) (min)		A	KV/mm	≤3	14.2	14.2	14.2
Breakdown voltage (min)	A		KV/mm	≥3	1mm in thickness		
	D-48/50				45	45	45
Permittivity (max)	A		-	≤3	5.5	5.5	5.5
	D-24/23				-	-	-
	D-48/50				-	-	-
Dissipation factor (max)	A		-	≤3	0.04	0.04	0.04
	D-24/23				-	-	-
	D-48/50				-	-	-
Insulation resistance After impregnated in water(min)		D-24/23	W	ALL	-	-	-
Water absorption rate(max)		D-24/23	%	ALL	5.0×10 ¹⁰	5.0×10 ¹⁰	5.0×10 ¹⁰
Flammability			class	3	-	FV0	
Reference standard					Q/TXXFR002-2009 NEMA (MOD)		

Rod/Tube Type

- ◆ 3721 3722 3723 3724 3725 3840 3841 3520 3526 3640
- ◆ Diameter: 6mm 8mm 10mm-200mm
- ◆ Length: 1000mm

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