

	RM-SPECIFICATION		DOCUMENT STATUS
	Material : Glass Textolite Item Code: Purpose : Insulation		DRAFT
MATERIAL CODE:	I10	SPEC NO.	PBD/RM/38

Sno	Description	UOM	Specification
1.	Physical State / Color	-	Solid/Greenish yellow
2.	Grade		TPO 1201
3.	Glass Fabric	-	E" class fiber glass reinforcements, glass fabric Epoxy
4.	Resin	-	Resin content 35%
5.	Density	g/cm ³	1.85
6.	Heat resistance	°C	140-180
7.	Volume resistivity	Ohm/m	107
8.	Thermal Conductivity	W/m-K	0.2 to 0.4
9.	Melting point	°C	Varies
10.	Supplier	-	Galaxy industries
11.	MSDS no.	-	XXX
12.	CAS no.	-	XXX
13.	Acceptance Criteria		
a.	Visual Acceptance	-	Solid/Greenish yellow
b.	Dimensions	-	Drawing no:
c.	Thermal Conductivity	W/m-K	XXX
14.	Properties	Test Method	Test Agency
a.	Dimensions	Vernier & others	RES
b.	Thermal Conductivity	COC	NABL, IIT-HYD, CMET
c.	Moisture	Moisture analyser	RES

PREPARED BY:		REVIEWED & APPROVED BY:
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RENEWABLE ENERGY SYSTEMS LIMITED