

	RM-SPECIFICATION		DOCUMENT STATUS
	Material : Glass Cloth 0.27mm Item Code: Purpose : Insulation		DRAFT
MATERIAL CODE:	I09	SPEC NO.	PBD/RM/16

Sno	Description	UOM	Specification
1.	Physical State / Color	-	Solid fabric / White
2.	Grade	-	NA
3.	Type of Glass Threads	-	Twisted
4.	Type of Weave	-	Linen (plain)
5.	Wrap Thread per 1cm	Threads	16 to 17 threads
6.	Weft Thread per 1cm	Threads	9 to 11 threads
7.	Weight per Square meter	gm	280±28
8.	Melting point	°C	1135
9.	Boiling point	°C	482
10.	Thermal Conductivity	W/m-K	0.03
11.	Width	mm	XXX
12.	Thickness	mm	0.27±0.027
13.	Supplier	-	Galaxy industries
14.	MSDS no.	-	XXX
15.	CAS no.		XXX
16.	Acceptance Criteria		
a.	Visual Acceptance	-	White
b.	Dimensions	-	Drawing no:
c.	Thermal Conductivity	W/m-K	0.03
d.	Moisture content		
17.	Properties	Test Method	Test Agency
a.	Dimensions	Vernier	RES
b.	Thermal Conductivity	COC	NABL, IIT-HYD, CMET
c.	Moisture	Moisture analyzer	RES

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