

	<b>RM-SPECIFICATION</b>		DOCUMENT STATUS
	<b>Material : Flexible Samica</b> <b>Item Code:</b> <b>Purpose : Insulation</b>		<b>DRAFT</b>
<b>MATERIAL CODE:</b>	I06	<b>DOCUMENT NO.</b>	

Sno	Description	UOM	Specification
1.	Physical State / Color	-	Flexible solid/Golden yellow
2.	Assay Content	%	NA
3.	Grade	-	NA
4.	Glass content	g/m <sup>2</sup>	15 - 25
5.	Bond content	g/m <sup>2</sup>	28 - 40
6.	Mica Paper	g/m <sup>2</sup>	≥ 116
7.	Break Down Voltage	KV	3.5
8.	Weight Density	g/m <sup>2</sup>	230
9.	Thickness	mm	0.12 - 0.14
10.	Tensile Strength	N/cm	≥ 130
11.	Melting point	°C	1350
12.	Supplier	-	COGEBI
13.	MSDS no.	-	XXX
14.	CAS no.	-	12001-26-2
15.	<b>Acceptance Criteria</b>		
a.	Visual Acceptance	-	Golden yellow
b.	Dimensions	-	Drawing no:
c.	Thermal conductivity	W/m-K	0.175±0.025
16.	<b>Properties to be tested</b>	<b>Test Method</b>	<b>Test Agency</b>
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**