



Date: 2024-11-05

Battery Code: Agni-456

Battery Name: Agni Bty

Cost Sheet

S.No	Item	Dia	Length	Width	Thickness	Qty/bty	Units	Density	Area	Volume	Weight/ SFT
1	LID										
1.1	LID BLANK					1					
1.2	DELIVER PIN					4					
1.3	GLASS TO METAL SEAL										
2	LID ASSEMBLY-A										
2.1	Lid					1	NO's				
2.2	Tie wire		44.0	6	0.3	3	gms	9	3.68	0.11	0.00297
2.3	Glass Textolyte Disc (Pin Isolater)					1	NO's				
2.4	Pin Connectors					2	NO's				
2.5	Lead for Anode		44.0	6	0.15	3	gms	9	3.68	0.0552	0.00149
2.6	Lead for Cathode		44.0	6	0.15	2	gms	9	3.68	0.0552	0.000994
3	SQUIB ASSEMBLY										
3.1	Squib Terminals		50	6	0.15	2	gms	9	4.16	0.0624	0.001123
3.2	Squib					1	NO's				
3.4	FX-70 disc	50			1.6	3	SFT		2704		0.028933

3.5	Glass Textolyte Disc-A(Top)					1	NO's				
3.6	Glass Textolite Disc-A (Bottom)					1	NO's				
3.7	Silicon Bonded Mica Disc	50			1	13	NO's	2.15	27.04	2.704	0.075577
4	TOP ASSEMBLY										
4.1	Mica Disc					1	NO's				
4.2	HEAT PELLET-2	50			0.63	6	gms	4.00	19.62	1.24	29.46
4.3	FiberfroX Disc	50			1.6	7	SFT		2704		0.028933
4.4	S.S Disc (0.8mm)					1	NO's				
5	CELL ASSEMBLY										
5.1	Current collectors S.S Disc (0.05mm) - Anode	48			0.05	1305.0	gms	8	19.62	0.0981	1.024164
5.2	Current collectors S.S Disc (0.05mm) - Cathode	50			0.05	1305.0	gms	8	19.62	0.0981	1.024164
5.3	Anode pellets	48			34.28	1305.0	gms		18.09	62.0125	86599.8
5.4	Cathode pellets	50			36.71	1305.0	gms		19.62	72.03	264132.0
5.5	Electrolyte pellets	50			0.48	1305.0	gms		19.62	0.94	2309.85
5.6	Heatpellet - 1	50			0.67	1305.0	gms		19.62	1.31	299497.5
5.7	Current collectors for Anode	50			0.15	2	gms	9	35.04	0.53	0.00954
5.8	Current Collectors for Cathode	50			0.15	2	gms	9	35.04	0.53	0.00954
6	BOTTOM ASSEMBLY										
6.1	Mica Disc					2	NO's				
6.2	HEAT PELLET - 3	50			0.59	5	gms	0.58	19.62	1.16	22.55

6.3	FiberfroX Disc	50			1.6	6	SFT		2704		0.028933
6.4	S.S Disc(0.8mm)					1	NO's				
6.5	Brace Plate					1	NO's				
7	TIE WIRE CRIMPING										
7.1	Stack pyro Wicks-02		44.0	6	0.15	3	gms		3.68	0.06	0.00027
7.2	Flexible Samica Strips for Tie wires		44.0	6	0.15	6	gms	1.5	3.68	0.06	0.00054
7.3	Mica Strips for Tie wire					3	NO's				
7.4	Mica Strips for Leads					4	NO's				
8	STACK WRAP										
8.1	FiberfroX strips Stack Wrap		44.0	172.7	1.6	2	SFT		15197.6		0.162614
8.2	Glass Cloth Tape					1					
8.3	Glass Cloth Gum Tape					1					
8.4	Flexible Samica Wrap		44.0	172.7	0.1	2	gms	1.5	75.99	0.76	0.00228
9	CONTAINER ASSEMBLY										
9.1	Container					1	NO's				
9.2	FiberfroX strip Container Insulation		44.0	172.7	1.6	31.0	SFT		15197.6		0.162614
9.3	Silicon Bonded mica disc for Housing	3160.0			1.0	9	gms	2.15	99982.44	9998.24	193.465944
9.4	FiberfroX Disc	50			1.6	8	SFT		2704		0.028933
9.5	Battery Cap					1	NO's				
9.6	Argon gas cylinders					0.2	cum				

[illegible]

4	Heat pellet										
a	Fe	87									286.6689
b	Kclo4	13									42.83558