

MATERIAL DECLARATION SHEET



Material Number	SExxAAA			
Product Line	Thermal Cut-Off			
Compliance Date	13 January, 2023			
RoHS Compliant	Y	MSL		

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass (%) Median ¹	Material Mass (%) of total unit wt.	Subpart mass of total wt. (%)
1	SE##AAA	Cover and Base Resin	0.008	Poly Phenylene Sulfide	26125-40-6	67.0%	12.13%	18.1%
				Glass Fiber	65997-17-3	32.5%	5.88%	
				Carbon Black	1333-86-4	0.5%	0.09%	
2		Cover Plate	0.017	Carbon	7440-44-0	0.075%	0.03%	38.1%
				Silicon	7440-21-3	0.50%	0.19%	
				Manganese	7439-96-5	1.00%	0.38%	
				Phosphorus	7723-14-0	0.02%	0.01%	
				Sulfur	7704-34-9	0.015%	0.01%	
				Nickel	7440-02-0	7.00%	2.67%	
				Chromium	7440-47-3	17.00%	6.48%	
				Iron	7439-89-6	74.39%	28.312%	
3		Arm Terminal	0.002	Copper	7440-50-8	98.67%	3.72%	3.8%
				Chromium	7440-47-3	0.25%	0.01%	
				Magnesium	7439-95-4	0.10%	0.004%	
				Tin	7440-31-5	0.98%	0.04%	
4		Bimetal Disc	0.003	Nickel	7440-02-0	27.0%	1.53%	5.7%
				Cobalt	7440-48-4	4.2%	0.24%	

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				Chromium	7440-47-3	1.4%	0.08%	
				Manganese	7439-96-5	0.3%	0.02%	
				Iron	7439-89-6	67.1%	3.80%	
5		PTC	0.006	Silver	7440-22-4	1.65%	0.22%	13.4%
				Barium Titanate	12047-27-7	86.18%	11.58%	
				Calcium Titanate	12049-50-2	5.92%	0.80%	
				Strontium Titanate	12060-59-2	6.25%	0.84%	
6		Arm	0.004	Copper	7440-50-8	92.70%	7.36%	7.9%
				Chromium	7440-47-3	0.23%	0.02%	
				Magnesium	7439-95-4	0.09%	0.01%	
				Silver	7440-22-4	6.28%	0.50%	
				Nickel	7440-02-0	0.70%	0.06%	
7		Base Terminal	0.006	Copper	7440-50-8	98.93%	12.85%	13.0%
				Chromium	7440-47-3	0.25%	0.03%	
				Magnesium	7439-95-4	0.10%	0.01%	
				Silver	7440-22-4	0.34%	0.04%	
				Tin	7440-31-5	0.35%	0.05%	
				Nickel	7440-02-0	0.03%	0.004%	
		Total weight	0.046					

This Document was updated on:

Important remarks:

1. The Material Mass column uses some median values for metal alloy %.
2. It is the responsibility of the user to verify they are accessing the latest version.