

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SF-2410F1200T-2			
Product Line	Fast Acting Precision SMD Fuses			
Compliance Date	2025/11/27			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Fuse element wire-base	Copper	9.078	Copper	7440-50-8	100%	6.38%	6.38%
2	Fuse element wire-plating	Tin	1.602	Tin	7440-31-5	100%	1.13%	1.13%
3	Glass fiber	Fiberglass continuous filament	7.8	Fiberglass continuous filament	65997-17-3	100%	5.49%	5.49%
4	Cap-base	Copper	40.946	Copper	7440-50-8	68%	19.58%	28.79%
		Zinc		Zinc	7440-66-6	31%	8.93%	
		Nickel		Nickel	7440-02-0	1%	0.29%	
5	Cap-plating	Gold	0.414	Gold	7440-57-5	100%	0.29%	0.29%
6	Solder	Tin	34	Tin	7440-31-5	5%	1.20%	23.91%
		Lead		Lead	7439-92-1	92.7%	22.16%	
		Polymerized rosin		Polymerized rosin	8050-09-7	1.3%	0.31%	
		Hexadecanoic acid		Hexadecanoic acid	57-10-3	1%	0.24%	
7	Ceramic tube	Alumina	48.35	Alumina	1344-28-1	100%	34.00%	34.00%
8	Black marking ink	Acrylic resin	0.01	Acrylic resin	68901-05-3	23%	0.0016%	0.0070%
		Photoinitiator		Photoinitiator	71868-10-5	3%	0.0002%	
		Carbon black		Carbon black	1333-86-4	2%	0.0001%	
		Talc		Talc	14807-96-6	35%	0.0025%	
		Ethylene glycol methacrylate		Ethylene glycol methacrylate	868-77-9	37%	0.0026%	
		Total Weight	142.2					

This Document was updated on: 2025/11/27

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.