

MATERIAL DECLARATION SHEET



Material Number	PF-NT2 Series			
Product Line	Power Fuses			
Compliance Date	2022/03/01			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Fuse element piece-base	Copper	0.223898	Copper	7440-50-8	100%	1.424%	1.424%
2	Fuse element piece-plating	Tin	0.002262	Tin	7440-31-5	100%	0.014%	0.014%
3	Inner cap	Copper	1.45956	Copper	7440-50-8	65%	6.035%	9.284%
		Zinc		Zinc	7440-66-6	35%	3.249%	
4	Outer cap-base	Copper	3.193866	Copper	7440-50-8	100%	20.316%	20.316%
5	Outer cap-plating	Nickel	0.081894	Nickel	7440-02-0	100%	0.521%	0.521%
6	Lead wire-base	Copper	2.534044	Copper	7440-50-8	100%	16.119%	16.119%
7	Lead wire-plating	Tin	0.025596	Tin	7440-31-5	100%	0.163%	0.163%
8	Ceramic tube	Ceramic	6.17705	Aluminum oxide	1344-28-1	75%	29.469%	39.292%
				Zirconium oxide	1314-23-4	15%	5.894%	
				Silicon dioxide	7631-86-9	7.0%	2.750%	
				Magnesium oxide	1304-48-4	1.1%	0.432%	
				Phosphorus pentoxide	1314-56-3	0.35%	0.138%	
				Misc, not to declare	-	1.55%	0.609%	

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BOURNS®

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
9	Paper	Paper	0.12928	Silicified Microcrystalline Cellulose-	9004-34-6	5.25%	0.04315	0.822%
				Cellulose	65996-61-4	89.5%	0.7354	
				Misc., not to declare	--	5.25%	0.04315	
10	Quartz sand	Silica sand	1.338	Tridymite silica	15468-32-3	100%	8.511%	8.511%
11	Solder	SnCu solder	0.555	Tin	7440-31-5	96.3%	3.399%	3.530%
				Copper	7440-50-8	2.3%	0.081%	
				Rosin	8050-09-7	1.4%	0.050%	
12	Marking Ink	Marking ink (dry)	0.0006	Tripropylene glycol diacrylate	68901-05-3	23.0%	0.0009%	0.004%
				2-Methyl-4'-(methylthio)-2-morpholinopropiophenone**	71868-10-5	3.0%	0.0001%	
				Carbon black	1333-86-4	2.0%	0.0001%	
				Magnesium silicate monohydrate	14807-96-6	35.0%	0.0014%	
				2-Hydroxyethyl methacrylate	868-77-9	37.0%	0.0015%	
			Total Weight	15.72105				

This Document was updated on: 2022/03/01

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

**** CAS 71868-10-5 is listed as a SVHC. Total weight is <0.0001% - not declarable due to w/w%.**