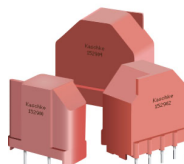


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	152903-000			
Product Line	PFC Choke			
Compliance Date	28. Jan 2026			
RoHS Compliant	Yes	MSL	N/A	

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 unit wt.
1	Toroid Core	Powder Core	23.22	Iron	7439-89-6	82	44.20	56.74
				Silicon	7440-21-3	8.5	4.58	
				Aluminium	7429-90-5	5	2.69	
				Misc., not to declare	--	4.5	2.43	
		Coating	1.22	Epoxy Resin	61788-97-4	64.5	1.83	
				Silica Powder	7631-86-9	33	0.94	
				Carbon black	1333-86-4	1	0.03	
				Misc., not to declare	--	1.5	0.04	
2	Housing	Glass fiber reinforced Polyamide	6.27	PA66	32131-17-2	57	8.09	15.34
				Glass fiber	65997-17-3	35	5.09	
				red Phosphorus	7723-14-0	5	0.87	
				Talc	14807-96-6	1	0.29	
				Additives, not to declare	--	2	0.22	
		CuNi18Zn20	0.33	Copper	7440-50-8	62	0.48	
				Nickel	7440-02-0	18	0.14	
				Zinc	7440-66-6	20	0.15	
		Nickel plating	0.003	Nickel	7440-02-0	99.7	0.007	
				Misc., not to declare	--	0.3	0.00002	
		Tin plating	0.008	Tin	7440-31-5	99.5	0.02	
				Misc., not to declare	--	0.5	0.00009	

MATERIAL DECLARATION SHEET



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 unit wt.
3	Enameled wire	Copper wire	9.71	Copper	7440-50-8	100	22.54	23.21
		Insulation Coating	0.29	Polyurethane	9009-54-5	95	0.64	
				Additives, not to declare	--	5	0.03	
4	Potting Compound	Epoxy Potting	2.00	Bis-[4-(2,3-epoxipropoxi)phenyl]propan	1675-54-3	18.19	0.84	4.64
				Polypropylenglykol-Diepoxidharz	26142-30-3	14.14	0.66	
				Polyamide polymer	68082-29-1	16.17	0.75	
				4-Morpholinecarbaldehyde	4394-85-8	0.25	0.01	
				Calcium carbonate	471-34-1	0.15	0.007	
				Aluminium hydroxide	21645-51-2	50.6	2.35	
				Quartz	14808-60-7	0.25	0.01	
				Carbon black	1333-86-4	0.25	0.01	
5	Solder	Sn99Ag0.3Cu0.7	0.03	Tin	7440-31-5	98.75	0.07	0.07
				Copper	7440-50-8	0.7	0.0005	
				Silver	7440-22-4	0.3	0.0002	
				Antimony	7440-36-0	0.1	0.00007	
				Lead	7439-92-1	0.07	0.00005	
				Bismuth	7440-69-9	0.05	0.00003	
				Indium	7440-74-6	0.03	0.00002	
		Total weight	43.08					

This Document was updated on: 28. Jan 2026

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.