

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	152906-000			
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	35.15	Iron	7439-89-6	82	39.87	51.18
				Silicon	7440-21-3	8.5	4.13	
				Aluminium	7429-90-5	5	2.43	
				Misc., not to declare	--	4.5	2.19	
		Coating	1.85	Epoxy Resin	61788-97-4	64.5	1.65	
				Silica Powder	7631-86-9	33	0.84	
				Carbon black	1333-86-4	1	0.03	
				Misc., not to declare	--	1.5	0.04	
2	Housing	Glass fiber reinforced Polyamide	9.50	PA66	32131-17-2	57	7.29	13.51
				Glass fiber	65997-17-3	35	4.60	
				red Phosphorus	7723-14-0	5	0.79	
				Talc	14807-96-6	1	0.26	
				Additives, not to declare	--	2	0.20	
		CuNi18Zn20	0.26	Copper	7440-50-8	62	0.22	
				Nickel	7440-02-0	18	0.06	
				Zinc	7440-66-6	20	0.07	
		Nickel plating	0.002	Nickel	7440-02-0	99.7	0.003	
				Misc., not to declare	--	0.3	0.00001	
		Tin plating	0.007	Tin	7440-31-5	99.5	0.009	
				Misc., not to declare	--	0.5	0.00004	

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3	Enameled wire	Copper wire	22.14	Copper	7440-50-8	100	30.62	31.12
		Insulation Coating	0.36	Polyurethane	9009-54-5	95	0.47	
				Additives, not to declare	--	5	0.03	
4	Potting Compound	Epoxy Potting	3.00	Bis-[4-(2,3-epoxipropoxi)phenyl]propan	1675-54-3	18.19	0.75	4.15
				Polypropylenglykol-Diepoxidharz	26142-30-3	14.14	0.59	
				Polyamide polymer	68082-29-1	16.17	0.67	
				4-Morpholinecarbaldehyde	4394-85-8	0.25	0.01	
				Calcium carbonate	471-34-1	0.15	0.006	
				Aluminium hydroxide	21645-51-2	50.6	2.1	
				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	0.04	0.04
				Copper	7440-50-8	0.7	0.0003	
				Silver	7440-22-4	0.3	0.0001	
				Antimony	7440-36-0	0.1	0.00004	
				Lead	7439-92-1	0.07	0.00003	
				Bismuth	7440-69-9	0.05	0.00002	
				Indium	7440-74-6	0.03	0.00001	
		Total weight	72.30					

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.