


MATERIAL DECLARATION



Material Number	MF-RX/72	
Product Line	Multifuse® PPTC Resettable Fuses	
Compliance Date	Jun 10, 2020	
Revision	D	
RoHS Compliant	Yes	

No.	Construction Element (subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material Substances	CASRN if applicable	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Polymer Compound	Polythene type homopolymer	0.08708	HDPE	9002-88-4	42.0%	5.46%	13.00%
				Carbon Black	1333-86-4	49.0%	6.37%	
				Proprietary Additives	-----	9.0%	1.17%	
2	Foil	Copper foil	0.09497	Copper	7440-50-8	95.0%	13.48%	14.19%
				Nickel	7440-02-0	5.0%	0.71%	
3	Wire	Tin plated copper wire	0.21642	Copper	7440-50-8	99.5%	32.17%	32.33%
				Tin	7440-31-5	0.5%	0.16%	
4	Solder	Solder	0.19468	Tin	7440-31-5	99.3%	28.88%	29.09%
				Copper	7440-50-8	0.7%	0.20%	
5	Coating	Epoxy	0.07619	Bisphenol A diglycidyl ether	1675-54-3	40.0%	4.55%	11.39%
				Bisphenol A epoxy resin	25085-99-8	20.0%	2.28%	
				Silica Dioxide	14464-46-1	23.0%	2.62%	
				Non-halogen Flame Retardant	Trade Secret	12.0%	1.37%	
				Iron Oxide Yellow	51274-00-1	2.0%	0.23%	
				Titanium Dioxide	13463-67-7	3.0%	0.34%	
		Total weight (grams)	0.66934					

This Document was updated on: Jun 10, 2020

Important remarks:

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