


# MATERIAL DECLARATION



Material Number	MF-RX/250	
Product Line	Multifuse® PPTC Resettable Fuses	
Compliance Date	Mar 23, 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	0.0761	HDPE	9002-88-4	42.0%	9.75%	23.21%
				Carbon Black	1333-86-4	49.0%	11.37%	
				Proprietary Additives	-----	9.0%	2.09%	
2	Foil	Copper foil	0.0170	Copper	7440-50-8	95.0%	4.93%	5.19%
				Nickel	7440-02-0	5.0%	0.26%	
3	Wire	Tin plated copper wire	0.1063	Copper	7440-50-8	99.5%	32.25%	32.41%
				Tin	7440-31-5	0.5%	0.16%	
4	Solder	Solder	0.0371	Tin	7440-31-5	99.3%	11.22%	11.30%
				Copper	7440-50-8	0.7%	0.08%	
5	Coating	Epoxy	0.0915	Bisphenol A-co-epichlorohydrin	25036-25-3	50.0%	13.94%	27.89%
				Aluminium hydroxide	21645-51-2	40.0%	11.16%	
				Polyamines	Trade Secret	1.0%	0.28%	
				Iron hydroxide oxide	20344-49-4	5.0%	1.39%	
				Titanium Dioxide	13463-67-7	4.0%	1.12%	
			<b>Total weight (grams)</b>	<b>0.3280</b>				

This Document was updated on: Mar 23, 2020

**Important remarks:**

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