


MATERIAL DECLARATION SHEET



Material Number	8103-RC			
Product Line				
Compliance Date	24-DEC-2024			
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	CORE	A10 T16*12*7C	3.04	Red Iron Oxide (Fe2O3)	1317-60-8	70%	26.27%	37.53%
				Manganese(II) Oxide	1344-43-0	15%	5.6295%	
				Zinc oxide	1314-13-2	15%	5.6295%	
2	BASE	PBT-4130 VTM100-4	1.13	PBT resin	26062-94-2	45%	6.278%	13.95%
				Glass Fiber	65997-17-3	30%	4.185%	
				Flame Retardant (C18H16Br4O3)n	68928-70-1	10%	1.395%	
				Flame Retardant (C16H10Br4O3)n	71342-77-3	10%	1.395%	
				Flame Retardant Sb2O3	1309-64-4	3%	0.4185%	
Additives	NA	2%	0.279%					
3	PIN	PIN	0.1	Iron	07439-89-6	69%	0.852%	1.235%
				Copper	07440-50-8	25%	0.30875%	
				Tin	07440-31-5	6%	0.0741%	

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4	Wire 0.7mm 1 UEW.E	Copper	3.5	Copper	7440-50-8	97%	41.91%	43.21%
				C3H8N2O	9009-54-5	3%	1.296%	
5	Tape	#44	0.15	Polyester Film	25038-59-9	57%	1.0556%	1.85%
				Polyisoprene Rubber	9003-31-0	26%	0.481%	
				Tackifying Resin	68240-09-05	10%	0.185%	
				Titanium Dioxide	13463-67-7	3%	0.0556%	
				P-Tert-Butylphenol- Formaldehyde Resin	Trade Secret	3%	0.0556%	
				Calcium and Zinc Salts	68188-23-8	1%	0.0185%	
6	Epoxy	3300A-1 LD	0.05	Epoxy resin	24969-06-0	90%	0.558%	0.62%
				1,4- Diazabicyclo[2.2.2]oc tane	280-57-9	10%	0.062%	
7	Epoxy	3300B-1 LD	0.05	Isophorone diamine	2855-13-2	96%	0.5952%	0.62%
				1,4- Diazabicyclo[2.2.2]oc tane	280-57-9	4%	0.0248%	
8	Sn	100Sn	0.08	Sn	7440-31-5	100%	0.988%	0.988%
		Total weight	8.1					

This Document was updated on 24-DEC-2024

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Important remarks:

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