

Fair-Rite P/N 0431184751

Nominal Chemical Composition

75 Material Grade Ferrite Core

		Wt of core (g) =	51.80	
Compound	CAS Number	Wt %	Compound Weight (g)	
Iron oxide (Fe ₂ O ₃)	1309-37-1	65	33.67	Compound Weight (g) Breakdown of 31 Material
Zinc oxide (ZnO)	1314-13-2	14	7.25	
Manganese oxide (MnO)	1344-43-0	21	10.88	

Supporting notes:

- P/N 0431184751 consists of:
 - Core 75 Material Grade Ferrite Core
 - Case UL 94-V0 Nylon 6/6 Case
- RoHS Conversion Date= 1/1/2005
- RoHS Compliance Marking is Contained on Shipping Labels

UL 94-V0 Nylon 6/6 Case

		Wt of case (g) =	7.50	
Material	CAS Number	Wt%	Compound Weight (g)	
Nylon 6/6	32131-17-2	90	6.75	Material Weight (g) Breakdown of UL 94-V0 Nylon 6/6 Case
Melamine Cyanurate	37640-57-6	9	0.68	
Misc.	- -	1	0.08	

Calculated Maximum Levels of RoHS Restricted Substances Present in 31 Material Grade

		Wt of core (g) =	51.80	
Impurity Substance	RoHS Threshold (ppm):	ppm	Compound Weight (g)	
Hexavalent chromium (Cr+6)	1000	0.00	0	RoHS Impurity Substance Weight (g) Breakdown of 31 Material
Cadmium (Cd)	100	4.69	0.000242942	
Mercury (Hg)	1000	0.19	0.000009842	
Lead (Pb)	1000	11.30	0.00058534	
Polybrominated biphenyl (PBB)	1000	0.00	0	
Polybrominated diphenyl (PBDE)	1000	0.00	0	
Bis(2-Ethylhexyl) phthalate (DEHP)	1000	0.00	0	
Benzyl butyl phthalate (BBP)	1000	0.00	0	
Dibutyl phthalate (DBP)	1000	0.00	0	
Diisobutyl phthalate (DIBP)	1000	0.00	0	