

Fair-Rite P/N 0444176451

Nominal Chemical Composition

44 Material Grade

Compound	CAS Number	Wt of core (g)= wt %	152.00 Compound Weight (g)
Iron oxide (Fe ₂ O ₃)	1309-37-1	64	97.28
Zinc oxide (ZnO)	1314-13-2	21	31.92
Nickel oxide (NiO)	1313-99-1	11	16.72
Copper oxide (CuO)	1317-38-0	4	6.08

UL 94-VO Polyester Case

Material	CAS Number	Wt of case (g)= wt%	9.00 Material Weight (g)
Polypropylene 301	9003-07-0	65.0	5.8500
Tetrabromobisphenol A bis(2,3-dibromopropyl ether)	21850-44-2	11.5	1.0350
Antimony oxide (Sb ₂ O ₃)	1309-64-4	15.0	1.3500
Misc.	--	4.5	0.4050

Calculated Maximum Levels of RoHS Restricted Substances Present in 44 Material Grade

Impurity Substance	RoHS Threshold (ppm):	ppm	Substance Weight (g)
Hexavalent chromium (Cr+6)	1000	0.00	0
Cadmium (Cd)	100	4.69	0.00071288
Mercury (Hg)	1000	0.19	0.00002888
Lead (Pb)	1000	11.30	0.0017176
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

Supporting notes:

P/N 0444176451 consists of 44 material grade core and UL 94-VO Polyester case

RoHS Conversion Date= 1/1/2005