

Fair-Rite P/N 0431164281

Nominal Chemical Composition

31 Material Grade

		Wt of core (g)=	22.00
Compound	CAS Number	wt %	Compound Weight (g)
Iron oxide (Fe ₂ O ₃)	1309-37-1	65	14.30
Zinc oxide (ZnO)	1314-13-2	14	3.08
Manganese oxide (MnO)	1344-43-0	21	4.62

UL 94-VO Polypropylene Case

		Wt of case (g)=	4.00
Material	CAS Number	wt%	Material Weight (g)
Polypropylene 301	9003-07-0	80	3.20
Tetrabromobisphenol A Bis-(2,3-Dibromopropyl Ether)	21850-44-2	11	0.44
Antimony oxide (Sb ₂ O ₃)	1309-64-4	5	0.20
Misc.	--	4	0.16

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

Impurity Substance	RoHS Threshold (ppm):	ppm	Substance Weight (g)
Hexavalent chromium (Cr+6)	1000	0.00	0
Cadmium (Cd)	100	4.69	0.00010318
Mercury (Hg)	1000	0.19	0.00000418
Lead (Pb)	1000	11.30	0.0002486
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 0431164281 consists of 31 material grade core and UL 94-VO Polypropylene case

RoHS Conversion Date= 1/1/2005

RoHS Compliance Marking is Contained on Shipping Labels