

Fair-Rite P/N 0431164181

Nominal Chemical Composition

31 Material Grade

		Wt of core (g)=	54.00
Compound	CAS Number	wt %	Compound Weight (g)
Iron oxide (Fe ₂ O ₃)	1309-37-1	65	35.1000
Zinc oxide (ZnO)	1314-13-2	14	7.5600
Manganese oxide (MnO)	1344-43-0	21	11.3400

UL 94-VO Polypropylene Case

		Wt of case (g)=	7.00
Material	CAS Number	wt%	Material Weight (g)
Polypropylene 301	9003-07-0	80	5.6000
Tetrabromobisphenol A bis(2,3-dibromopropyl ether)	21850-44-2	11	0.7700
Antimony oxide (Sb ₂ O ₃)	1309-64-4	5	0.3500
Misc.	- -	4	0.2800

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	0.00025326
Mercury (Hg)	1000	0.19	0.00001026
Lead (Pb)	1000	11.30	0.0006102
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 0431164181 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