

## **Fair-Rite P/N 0444177081**

### **Nominal Chemical Composition**

#### **44 Material Grade**

Compound	CAS Number	Wt of core (g)= wt %	290.00 Compound Weight (g)
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	64	185.60
Zinc oxide (ZnO)	1314-13-2	21	60.90
Nickel oxide (NiO)	1313-99-1	11	31.90
Copper oxide (CuO)	1317-38-0	4	11.60

#### **UL 94-VO Polyester Case**

Material	CAS Number	Wt of case (g)= wt%	18.00 Material Weight (g)
Polypropylene 301	9003-07-0	65.0	11.7000
Tetrabromobisphenol A bis(2,3-dibromopropyl ether)	21850-44-2	11.5	2.0700
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	15.0	2.7000
Misc.	--	4.5	0.8100

#### **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	0.0013601
Mercury (Hg)	1000	0.19	0.0000551
Lead (Pb)	1000	11.30	0.003277
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 0444177081 consists of 44 material grade core and UL 94-VO Polyester case

RoHS Conversion Date= 1/1/2005

RoHS Compliance Marking is Contained on Shipping Labels