

## **Fair-Rite P/N 0443178281**

### **Nominal Chemical Composition**

#### **43 Material Grade**

		Wt of core (g)=	19.80
Compound	CAS Number	wt %	Compound Weight (g)
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	65	12.8700
Zinc oxide (ZnO)	1314-13-2	21	4.1580
Nickel oxide (NiO)	1313-99-1	10	1.9800
Copper oxide (CuO)	1317-38-0	4	0.7920

#### **UL 94-VO Polypropylene Case**

		Wt of case (g)=	4.20
Material	CAS Number	wt%	Material Weight (g)
Polypropylene 301	9003-07-0	80	3.3600
Tetrabromobisphenol A bis(2,3-dibromopropyl ether)	21850-44-2	11	0.4620
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	5	0.2100
Misc.	--	4	0.1680

#### **Calculated Maximum Levels of RoHS Restricted Substances Present in 43 Material Grade**

Impurity Substance	RoHS Threshold (ppm):	ppm	Substance Weight (g)
Hexavalent chromium (Cr+6)	1000	0.00	0
Cadmium (Cd)	100	6.10	0.00012078
Mercury (Hg)	1000	0.10	0.00000198
Lead (Pb)	1000	11.00	0.0002178
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 0443178281 consists of 43 material grade core and UL 94-VO Polypropylene case**

**RoHS Conversion Date= 1/1/2005**

**RoHS Compliance Marking is Contained on Shipping Labels**