

## **Fair-Rite P/N 0431177081**

### **Nominal Chemical Composition**

#### **31 Material Grade**

		Wt of core (g)=	290.00
Compound	CAS Number	wt %	Compound Weight (g)
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	65	188.5000
Zinc oxide (ZnO)	1314-13-2	14	40.6000
Manganese oxide (MnO)	1344-43-0	21	60.9000

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

		Wt of case (g)=	18.00
Material	CAS Number	wt%	Material Weight (g)
Polypropylene 301	9003-07-0	80	14.4000
Tetrabromobisphenol A bis(2,3-dibromopropyl ether)	21850-44-2	11	1.9800
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	5	0.9000
Misc.	- -	4	0.7200

#### **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	0.0013601
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 0431177081 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**