

**Fair-Rite P/N 0461164181**

**61 Material Grade**

**Nominal Chemical Composition**

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)= <b>54.00</b>	
Fe2O3	1309-37-1	72	38.8800	Compound Weight (g) Breakdown of 61 Material
ZnO	1314-13-2	13	7.0200	
NiO	1313-99-1	11	5.9400	
MnO	1344-43-0	2	1.0800	
CuO	1317-38-0	1	0.5400	
CoO	1307-96-6	1	0.5400	

**UL 94-VO Polypropylene Case**

<u>Material</u>	<u>CAS Number</u>	<u>wt%</u>	Wt of case (g)= <b>7.00</b>	
Polypropylene 301	9003-07-0	80	5.6000	Material Weight (g) Breakdown of UL 94- VO Polypropylene Case
TBB-PA	21850-44-2	11	0.7700	
Sb2O3	1309-64-4	5	0.3500	
Misc.	--	4	0.2800	

**Calculated Maximum Levels of RoHS Restricted Substances Present in 61 Material Grade**

<u>Impurity Substance</u>	<u>RoHS Threshold (ppm)</u>	<u>ppm</u>	Wt of core (g)= <b>54.00</b>	
Cr+6	1000	0.00	0	RoHS Impurity Substance Weight (g) Breakdown of 61 Material
<b>Cd</b>	100	<b>3.70</b>	0.0001998	
<b>Hg</b>	1000	<b>0.10</b>	0.0000054	
<b>Pb</b>	1000	<b>7.00</b>	0.000378	
PBB	1000	0.00	0	
PBDE	1000	0.00	0	

Supporting notes:

1. P/N 0461164181 consists of:
  - a core 61 Material Grade
  - b case UL 94-VO Polypropylene Case
2. RoHS Conversion Date= 1/1/2005
3. RoHS Compliance Marking is Contained on Shipping Labels