

**Fair-Rite P/N 0461176451**

**61 Material Grade**

**Nominal Chemical Composition**

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)= <b>152.00</b>	<b>Compound Weight (g) Breakdown of 61 Material</b>
Fe2O3	1309-37-1	72	109.4400	
ZnO	1314-13-2	13	19.7600	
NiO	1313-99-1	11	16.7200	
MnO	1344-43-0	2	3.0400	
CuO	1317-38-0	1	1.5200	
CoO	1307-96-6	1	1.5200	

**UL 94-VO Polypropylene Case**

<u>Material</u>	<u>CAS Number</u>	<u>wt%</u>	Wt of case (g)= <b>9.00</b>	<b>Material Weight (g) Breakdown of UL 94- VO Polypropylene Case</b>
Polypropylene 301	9003-07-0	80	7.2000	
TBB-PA	21850-44-2	11	0.9900	
Sb2O3	1309-64-4	5	0.4500	
Misc.	--	4	0.3600	

**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>152.00</b>	<b>RoHS Impurity Substance Weight (g) Breakdown of 61 Material</b>
Cr+6	1000	0.00	0	
<b>Cd</b>	100	<b>3.70</b>	0.0005624	
<b>Hg</b>	1000	<b>0.10</b>	0.0000152	
<b>Pb</b>	1000	<b>7.00</b>	0.001064	
PBB	1000	0.00	0	
PBDE	1000	0.00	0	

Supporting notes:

1. P/N 0461176451 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