

**Fair-Rite P/N 0446164251**

**46 Material Grade**

**Nominal Chemical Composition**

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)= <b>28.00</b>	<b>Compound Weight (g) Breakdown of 46 Material</b>
Fe2O3	1309-37-1	68	19.0400	
ZnO	1314-13-2	18	5.0400	
MgO	1309-48-4	9	2.5200	
CuO	1317-38-0	5	1.4000	

**UL 94-VO Polypropylene Case**

<u>Material</u>	<u>CAS Number</u>	<u>wt%</u>	Wt of case (g)= <b>3.00</b>	<b>Material Weight (g) Breakdown of UL 94-VO Polypropylene</b>
Polypropylene 301	9003-07-0	80	2.4000	
TBB-PA	21850-44-2	11	0.3300	
Sb2O3	1309-64-4	5	0.1500	
Misc.	--	4	0.1200	

**Calculated Maximum Levels of RoHS Restricted Substances Present in 46 Material Grade**

<u>Impurity Substance</u>	<u>RoHS Threshold (ppm)</u>	<u>ppm</u>	Wt of core (g)= <b>28.00</b>	<b>RoHS Impurity Substance Weight (g) Breakdown of 46 Material</b>
Cr+6	1000	0.00	0	
Cd	100	10.00	0.00028	
Hg	1000	1.00	0.000028	
Pb	1000	10.00	0.00028	
PBB	1000	0.00	0	
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:
1. P/N 0446164251 consists of:
    - a core 46 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