

# Fair-Rite P/N **0446173951**

## 46 Material Grade

## Nominal Chemical Composition

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)= <b>5.60</b>	Compound Weight (g) Breakdown of 46 Material
Fe2O3	1309-37-1	68	3.808	
ZnO	1314-13-2	18	1.008	
MgO	1309-48-4	9	0.504	
CuO	1317-38-0	5	0.280	

## UL 94-VO Polypropylene Case

<u>Material</u>	<u>CAS Number</u>	<u>wt%</u>	Wt of case (g)= <b>0.90</b>	Material Weight (g) Breakdown of UL 94-VO Polypropylene
Polypropylene 301	9003-07-0	80	0.720	
TBB-PA	21850-44-2	11	0.099	
Sb2O3	1309-64-4	5	0.045	
Misc.	--	4	0.036	

## 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>5.60</b>	RoHS Impurity Substance Weight (g) Breakdown of 46 Material
Cr+6	1000	0.00	0	
Cd	100	10.00	0.000056	
Hg	1000	1.00	0.0000056	
Pb	1000	10.00	0.000056	
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 0446173951 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