

# Fair-Rite P/N **0461164281**

## 61 Material Grade

## Nominal Chemical Composition

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)=	
			<b>22.00</b>	
Fe2O3	1309-37-1	72	15.840	Compound Weight (g) Breakdown of 61 Material
ZnO	1314-13-2	13	2.860	
NiO	1313-99-1	11	2.420	
MnO	1344-43-0	2	0.440	
CuO	1317-38-0	1	0.220	
CoO	1307-96-6	1	0.220	

## UL 94-VO Polypropylene Case

<u>Material</u>	<u>CAS Number</u>	<u>wt%</u>	Wt of case (g)=	
			<b>4.00</b>	
Polypropylene 301	9003-07-0	80	3.200	Material Weight (g) Breakdown of UL 94- VO Polypropylene Case
TBB-PA	21850-44-2	11	0.440	
Sb2O3	1309-64-4	5	0.200	
Misc.	- -	4	0.160	

## 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>22.00</b>	
Cr+6	1000	0.00	0	RoHS Impurity Substance Weight (g) Breakdown of 61 Material
Cd	100	0.00	0	
Hg	1000	0.00	0	
Pb	1000	0.00	0	
PBB	1000	0.00	0	
PBDE	1000	0.00	0	
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:

1. P/N 0461164281 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
4. Total weight= 26.00 g