

# Fair-Rite P/N **0475176451**

## 75 Material Grade

## Nominal Chemical Composition

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)=	
			<b>152.00</b>	
Fe2O3	1309-37-1	68	103.4	Compound Weight (g) Breakdown of 75 Material
MnO	1344-43-0	17	25.8	
ZnO	1314-13-2	15	22.8	

## UL 94-VO Polypropylene Case

<u>Material</u>	<u>CAS Number</u>	<u>wt%</u>	Wt of case (g)=	
			<b>9.00</b>	
Polypropylene 301	9003-07-0	80	7.20	Material Weight (g) Breakdown of UL 94- VO Polypropylene Case
TBB-PA	21850-44-2	11	0.99	
Sb2O3	1309-64-4	5	0.45	
Misc.	--	4	0.36	

## Calculated Maximum Levels of RoHS Restricted Substances Present in 75 Material Grade

<u>Impurity Substance</u>	<u>RoHS Threshold (ppm)</u>	<u>ppm</u>	Wt of core (g)=	
			<b>152.00</b>	
Hexavalent chromium (Cr+6)	1000	0.00	0	RoHS Impurity Substance Weight (g) Breakdown of 75 Material
Cadmium (Cd)	100	6.10	0.0009272	
Mercury (Hg)	1000	0.10	0.0000152	
Lead (Pb)	1000	11.00	0.001672	
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 0475176451 consists of:
  - a core 75 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