

Fair-Rite P/N 0461178281

61 Material Grade

Nominal Chemical Composition

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)= 19.80	Compound Weight (g) Breakdown of 61 Material
Fe2O3	1309-37-1	72	14.2560	
ZnO	1314-13-2	13	2.5740	
NiO	1313-99-1	11	2.1780	
MnO	1344-43-0	2	0.3960	
CuO	1317-38-0	1	0.1980	
CoO	1307-96-6	1	0.1980	

UL 94-VO Polypropylene Case

<u>Material</u>	<u>CAS Number</u>	<u>wt%</u>	Wt of case (g)= 4.20	Material Weight (g) Breakdown of UL 94- VO Polypropylene Case
Polypropylene 301	9003-07-0	80	3.3600	
TBB-PA	21850-44-2	11	0.4620	
Sb2O3	1309-64-4	5	0.2100	
Misc.	--	4	0.1680	

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)= 19.80	RoHS Impurity Substance Weight (g) Breakdown of 61 Material
Cr+6	1000	0.00	0	
Cd	100	3.70	0.00007326	
Hg	1000	0.10	0.00000198	
Pb	1000	7.00	0.0001386	
PBB	1000	0.00	0	
PBDE	1000	0.00	0	

Supporting notes:

1. P/N 0461178281 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