

Fair-Rite P/N 0431164281

Nominal Chemical Composition

31 Material Grade

| | | Wt of core (g)= | 22.00 |
|--|------------|-----------------|---------------------|
| Compound | CAS Number | wt % | Compound Weight (g) |
| Iron oxide (Fe ₂ O ₃) | 1309-37-1 | 65 | 14.30 |
| Zinc oxide (ZnO) | 1314-13-2 | 14 | 3.08 |
| Manganese oxide (MnO) | 1344-43-0 | 21 | 4.62 |

UL 94-VO Polypropylene Case

| | | Wt of case (g)= | 4.00 |
|---|------------|-----------------|---------------------|
| Material | CAS Number | wt% | Material Weight (g) |
| Polypropylene 301 | 9003-07-0 | 80.000 | 3.2000 |
| Tetrabromobisphenol A Bis-(2,3-Dibromopropyl Ether) (TBBP-DBPE) | 42757-55-1 | 11.500 | 0.4600 |
| Antimony oxide (Sb ₂ O ₃) | 1309-64-4 | 4.000 | 0.1600 |
| Triphenyl Phosphate | 115-86-6 | 0.550 | 0.0220 |
| Carbon, Mesoporous (Carbon Black) | 1333-86-4 | 1.250 | 0.0500 |
| N-Butylbenzenesulfonamide | 3622-84-2 | 0.255 | 0.0102 |
| Misc. | - - | 2.445 | 0.0978 |

Calculated Maximum Levels of RoHS Restricted Substances Present in 31 Material Grade

| Impurity Substance | RoHS Threshold (ppm): | ppm | Substance Weight (g) |
|------------------------------------|-----------------------|-------|----------------------|
| Hexavalent chromium (Cr+6) | 1000 | 0.00 | 0 |
| Cadmium (Cd) | 100 | 4.69 | 0.00010318 |
| Mercury (Hg) | 1000 | 0.19 | 0.00000418 |
| Lead (Pb) | 1000 | 11.30 | 0.0002486 |
| 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:

P/N 0431164281 consists of 31 material grade core and UL 94-VO Polypropylene case

RoHS Conversion Date= 1/1/2005

RoHS Compliance Marking is Contained on Shipping Labels