

# Fair-Rite P/N **5977000211**

## 77 Material Grade

## Nominal Chemical Composition

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)=	
			<b>0.830</b>	
Fe2O3	1309-37-1	69	0.5727	Compound Weight (g) Breakdown of 77 Material
MnO	1344-43-0	22	0.0747	
ZnO	1314-13-2	9	0.1826	

## PARYLENE COATING

<u>Compound</u>	<u>CAS Number</u>	<u>wt%</u>	Wt of Parylene (g)=	
			<b>0.065</b>	
Parylene	28804-46-8	100	0.065	Compound Weight (g) Breakdown of Parylene Coating

## Calculated Maximum Levels of RoHS Restricted Substances Present in 77 Material Grade

<u>Impurity Substance</u>	<u>RoHS Threshold (ppm)</u>	<u>ppm</u>	Wt of core (g)=	
			<b>0.830</b>	
Cr+6	1000	0.00	0	RoHS Impurity Substance Weight (g) Breakdown of 77 Material
<b>Cd</b>	100	<b>2.52</b>	2.0916E-06	
<b>Hg</b>	1000	0.12	9.96E-08	
<b>Pb</b>	1000	<b>6.48</b>	5.3784E-06	
PBB	1000	0.00	0	
PBDE	1000	0.00	0	

### Supporting notes:

1. P/N 5977000211 consists of:  
a core 77 Material Grade
2. RoHS Conversion Date= 1/1/2005
3. RoHS Compliance Marking is  
Contained on Shipping Labels