

**TECHNICAL DATA SHEET****WHITE W9008**Updated: 16-feb-10**1. DESCRIPTION OF PRODUCT**

Product name: Color Masterbatch (Concentrate)
Color: White
Samhwa's no.: W9008

2. PRODUCT CHARACTERISTICS

Carrier resin: LLDPE
Recommended for: PE, PP Extrusion, injection / blow-molding
Recommended LDR: Blown film; 4~5 PHR (per hundred resin)
Injection/blow 1~2 PHR
Heat stability (°C): 250
Lightfastness (1~8): 7
Migration resistance: N/A

3. PHYSICAL / CHEMICAL PROPERTIES

Test Item	Unit	Test Method	Nominal Value	Remarks
Specific Gravity	g/cc	ASTM-D-1505	1.51	
Melt Flow Index	g/10 min.	ASTM-D-1238	13.5	190 °C/2.16 kg
Tensile Strength	kg./cm ²	ASTM-D-638	N/A	
Elongation	%	ASTM-D-638	N/A	
Vicat Temperature	°C	ASTM-D-648	103	
Surface Resistivity	Ω	ASTM-D-257	N/A	

Note: All data are based on the information received from raw material supplier(s).

4. REGULATORY STATUS

- 4.1. Ingredients of this product are NOT based on heavy metal chemistry.
- 4.2. This product conforms Korean FDA regulation(s) on food contact.

5. PRECAUTIONS

- 5.1. Follow usual precautions for handling chemicals. Do not eat.
- 5.2. Store in cool indoor area away from heat source and/or fire.