



SAMHWA CORPORATION

MASTERBATCH

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TECHNICAL DATA SHEET

Desiccant MB

Updated: 28-Mar-11

1. DESCRIPTION OF PRODUCT

Product name: Desiccant Masterbatch (Concentrate)
Color: N/A
Samhwa's no.: Z1100

2. PRODUCT CHARACTERISTICS

Carrier resin: LDPE
Recommended for: PE, PP Extrusion, Injection / Blow-molding
Recommended LDR: Extrusion 2 PHR (per hundred resin)
Injection; 1 PHR
Heat stability (°C): 250
Lightfastness (1~8): N/A
Migration resistance: N/A

3. PHYSICAL / CHEMICAL PROPERTIES

Test Item	Unit	Test Method	Nominal Value	Remarks
Specific Gravity	g/cc	ASTM-D-1505	1.46	
Melt Flow Index	g/10 min.	ASTM-D-1238	0.04	230 °C/10 kg
Tensile Strength	kg./cm ²	ASTM-D-638	N/A	
Elongation	%	ASTM-D-638	N/A	
Vicat Temperature	°C	ASTM-D-648	98	
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.