



# SAMHWA CORPORATION

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## PRODUCT INFORMATION

Issued on: 3-jun-98 Updated on:

### 1. Description of Product

Product Name	Color Masterbatch (Concentrate)		
Color	BLUE	Grade No.	B2460

### 2. Ingredients

Carrier Resin	LDPE	50.2%	
Pigment(s)	Organic & Inorganic	28.8%	
Others	Lubricant & Dispersion agent	21.0%	

### 3. Physical Properties

Test item	Unit	Test Method	Nominal Value	Remarks
Specific Gravity	g/cc	ASTM-D-1505	1.13	
Melt Flow Index	g/10 min.	ASTM-D-1238	8.0	190 °C/2.16kg
Heat Stability	°C		280	
Tensile Strength	kg./cm <sup>2</sup>	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	

### 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. Recommended Application(s)

General purpose: Injection Molding, Extrusion.

### 6. General

- 6.1. Designed for general use and has good dispersion.

