



SAMHWA CORPORATION

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PRODUCT INFORMATION

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1. Description of Product

Product Name	Color Masterbatch (Concentrate)		
Color	RED	Grade No.	R4202

2. Ingredients

Carrier Resin	LDPE	57.3%	
Pigment(s)	Organic & Inorganic	21.7%	
Others	Lubricant & Dispersion agent	21.0%	

3. Physical Properties

Test item	Unit	Test Method	Nominal Value	Remarks
Specific Gravity	g/cc	ASTM-D-1505	1.09	
Melt Flow Index	g/10 min.	ASTM-D-1238	6.7	190 °C/2.16 kg
Heat Stability	°C		230	
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	

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.

