

HCPP Block Copolymer for **Wire&Cable**

## YUHWA POLYPRO CB2203

**Features  
and Uses**
**Properties**

<b>Application</b>	HCPP Block Copolymer for <b>Wire&amp;Cable</b>			
<b>Features</b>	High Stiffness, Impact Resistance, Heat Resistance, High Gloss, Scratch Resistance, Slippery			
<b>Uses</b>	Loose Tube			
	<b>Items</b>	<b>Specification</b>	<b>Unit</b>	<b>Test Method</b>
	<b>Melt Index</b>	2.7	g/10min.	ASTM D1238
	<b>Density</b>	0.91	g/cm <sup>3</sup>	ASTM D1505
	<b>Mold Shrinkage</b>	1.4~1.8	%	KPIC Method
	<b>Water Absorption</b>	<0.01	%	ASTM D570
	<b>Tensile Strength at Yield</b>	300	kgf/cm <sup>2</sup>	ASTM D638
	<b>Elongation at Break</b>	>200	%	ASTM D638
	<b>Flexural Modulus</b>	14,000	kgf/cm <sup>2</sup>	ASTM D790
	<b>Hardness (Rockwell)</b>	100	R Scale	ASTM D785
	<b>Impact Strength (Izod with Notch)</b>	20	kgf cm/cm	ASTM D256
	<b>Melting Point</b>	167	°C	ASTM D3418
	<b>Softening Point (Vicat)</b>	153	°C	ASTM D1525
	<b>Heat Deflection Temperature</b>	135	°C	ASTM D648
	<b>Thermal Expansion</b>	10	10 <sup>-4</sup> cm/cm °C	ASTM D696
	<b>Specific Heat</b>	0.46	cal/g°C	KPIC Method
	<b>Heat Conductivity</b>	3	10 <sup>-4</sup> cal cm/cm sec. °C	KPIC Method
	<b>Volume Resistivity</b>	1	10 <sup>11</sup> ohm. cm	ASTM D257
	<b>Dielectric Constant (1KHz)</b>	2.3		ASTM D150
	<b>Dissipation Factor (1KHz)</b>	2	10 <sup>-4</sup>	ASTM D150
	<b>Dielectric Strength (Short Time)</b>	40	KV/mm	ASTM D149
	<b>Arc Resistance</b>	130	sec.	ASTM D495

※ Above data are intended to serve as guides only, and are not sales specification limits.

**Contact  
Info.**

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