

Random Copolymer for Pipe

## YUHWA POLYPRO RP2400

Features  
and Uses

Properties

<b>Application</b>	Random Copolymer for Pipe			
<b>Features</b>	Processability, High Pressure Rating, Good Flexibility, Color:Natural, White, Gray, Green, Dark Green			
<b>Uses</b>	Pressure Pipes, Hot Water and Floor Heating Pipes			
	<b>Items</b>	<b>Specification</b>	<b>Unit</b>	<b>Test Method</b>
	<b>Melt Index</b>	0.25	g/10min.	ASTM D1238
	<b>Density</b>	0.9	g/cm <sup>3</sup>	ASTM D1505
	<b>Tensile Strength at Yield</b>	230	kgf/cm <sup>2</sup>	ASTM D638
	<b>Elongation at Break</b>	>600	%	ASTM D638
	<b>Flexural Modulus</b>	9,000	kgf/cm <sup>2</sup>	ASTM D790
	<b>Hardness (Rockwell)</b>	72	R Scale	ASTM D785
	<b>Impact Strength (Izod with Notch)</b>	NB	kgf cm/cm	ASTM D256
	<b>Melting Point</b>	139	°C	ASTM D3418
	<b>Softening Point (Vicat)</b>	133	°C	ASTM D1525
	<b>Oxidation Induction Time at 200°C</b>	>30	min	ASTM D3895
	<b>Heat Deflection Temperature</b>	85	°C	ASTM D648
	<b>Ash Contents</b>	<300	ppm	ASTM D 5630
	<b>Minimum Required Strength</b>	11.2	MPa	ISO 9080