

Random Copolymer for Pipe

YUHWHA POLYPRO RP2400

Features
and Uses

Properties

Application	Random Copolymer for Pipe			
Features	Processability, High Pressure Rating, Good Flexibility, Color:Natural, White, Gray, Green, Dark Green			
Uses	Pressure Pipes, Hot Water and Floor Heating Pipes			
Items	Specification	Unit	Test Method	
Melt Index	0.25	g/10min.	ASTM D1238	
Density	0.9	g/cm³	ASTM D1505	
Tensile Strength at Yield	230	kgf/cm²	ASTM D638	
Elongation at Break	>600	%	ASTM D638	
Flexural Modulus	9,000	kgf/cm²	ASTM D790	
Hardness (Rockwell)	72	R Scale	ASTM D785	
Impact Strength (Izod with Notch)	NB	kgf·cm/cm	ASTM D256	
Melting Point	139	°C	ASTM D3418	
Softening Point (Vicat)	133	°C	ASTM D1525	
Oxidation Induction Time at 200°C	>30	min	ASTM D3895	
Heat Deflection Temperature	85	°C	ASTM D648	
Ash Contents	<300	ppm	ASTM D 5630	
Minimum Required Strength	11.2	MPa	ISO 9080	

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