

HOME Products PP Pipe

PP

Pipe ▼

Random Copolymer ▼

RP2400

Random Copolymer for Pipe

YUHWA POLYPRO RP2400

Features and Uses

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














Properties

Items	Specification	Unit	Test Method
Melt Index	0.25	g/10min.	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Tensile Strength at Yield	230	kg#cm ²	ASTM D638
Elongation at Break	>600	%	ASTM D638
Flexural Modulus	9,000	kg#cm ²	ASTM D790
Hardness (Rockwell)	72	R Scale	ASTM D785

Pipe | KPIC

Items	Specification	Unit	Test Method
Impact Strength (Izod with Notch)	NB	kgfcm/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

Technical Data and Certificate

Spec Sheet	 Spec Sheet(English)  Spec Sheet(Chinese)  Spec Sheet(Korean)
MSDS	 MSDS(English)  MSDS(Korean)
FDA	 FDA(English) Request  FDA(Chinese) Request  FDA(Korean) Request
RoHS	 RoHS
Certificate	 Sanitary Test (Certified, 2017.09.26) - National Analysis Center of Chemical Building Materials  Material Test (Pass for hot&cold water, 2017.08.31) - WRAS  LTHS (Certified, 2003.03.31) - Bodycote  Material Test (Certified, 2001.02.28) - National Analysis Center of Chemical Building Materials

Contact Info.

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