

Random Copolymer Pipe Grade  
**YUHWA POLYPRO RP2400**

### Description

- Application : 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

| Item                              | Value | Unit                             | Test Method |
|-----------------------------------|-------|----------------------------------|-------------|
| Melt Index                        | 0.25  | g/10min.                         | ASTM D1238  |
| Density                           | 0.9   | g/cm <sup>3</sup>                | ASTM D1505  |
| Tensile Strength at Yield         | 230   | kg <sub>f</sub> /cm <sup>2</sup> | ASTM D638   |
| Elongation at Break               | >600  | %                                | ASTM D638   |
| Flexural Modulus                  | 8,500 | kg <sub>f</sub> /cm <sup>2</sup> | ASTM D790   |
| Hardness (Rockwell)               | 72    | R Scale                          | ASTM D785   |
| Impact Strength (Izod with Notch) | NB    | kg <sub>f</sub> 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.
- YUHWA POLYPRO RP2400 complies with FDA regulations.

### Contact Info

#### International Trade

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