

# HYOSUNG VINA CHEMICALS *Topilene*® B240PN

## TECHNICAL DATA SHEET

Polypropylene Block Copolymer  
For PP-B pipes and Fittings(Cold water pipes)

### Product Description

*Topilene*® B240PN is specially designed polypropylene block copolymer that features excellent impact strength and good heat resistance. It is suitable for underground drainage & sewage pipes and fittings.

### Characteristics

**Typical Application** Drainage & Sewage pipes and fittings / Industrial pipes

**Features** Good heat resistance / Excellent impact strength / Chemical stability

### Typical Properties

Characteristics	Method	Value	Unit
<b>Physical</b>			
Melt Index(230°C, 2.16kg)	ASTM D1238	<b>0.33</b>	g/10min
Density	ASTM D792	<b>0.90</b>	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Strength at Yield	ASTM D638	<b>300</b>	kg/cm <sup>2</sup>
Flexural Modulus	ASTM D790	<b>13,000</b>	kg/cm <sup>2</sup>
Notched Izod Impact Strength(23°C)	ASTM D256	<b>N.B</b>	kg-cm/cm
Rockwell Hardness	ASTM D785	<b>90</b>	R-scale
<b>Thermal</b>			
Vicat Softening point (1kgf)	ASTM D1525	<b>155</b>	°C
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	<b>110</b>	°C

The values listed above are typical values for reference purpose only and shall not be construed as specifications.

### Contacts

#### Head Office

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#### Online

[www.hyosungchemical.com](http://www.hyosungchemical.com)  
[www.topilene.com](http://www.topilene.com)



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## Health, Safety and Food Contact Regulations

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*Topilene*<sup>®</sup> B240PN complies with FDA requirements in the code of Federal Regulations in 21 CFR 177. 1520 for food contact.

## Storage and Handling

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This product should be stored in dry condition at temperature below 40°C and protected from UV-light. When condensation is visible or can be expected, pre-drying is recommended. (Drying condition: 80~100°C/2~4hours at air circulated condition)

## Disclaimer

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All information, including product characteristics, applications and properties are for reference purpose only and shall not be construed as specifications. Before using this product, customers should carefully review the instructions for use of the product to determine whether the product is suitable for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of this product. HYOSUNG VINA CHEMICALS CORPORATION assumes no legal responsibility or liability for the contents of this document. We reserve the right to change the contents of this document without prior notice. This document is copyrighted by HYOSUNG VINA CHEMICALS CORPORATION. *Topilene*<sup>®</sup> is a registered trademark owned or used by HYOSUNG VINA CHEMICALS CORPORATION.

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