

Product Description

Topilene® HJ340N is a specially designed polypropylene block copolymer that features excellent stiffness & impact strength balance and enhanced thermal stability. It is suitable for high stiffness sheets, danpla and industrial materials. **Topilene® HJ340N** complies with FDA requirements in the code of Federal Regulations in 21 CFR 177. 1520 for food contact.

Characteristics

Typical Application Extrusion Molding: High stiffness sheets, Danpla
Injection Molding: Industrial articles(Container, Crate, Pallet), Housewares, General goods

Features Excellent stiffness & Impact strength balance / Enhanced thermal stability /
Good processability in extrusion and injection molding

Typical Properties

Characteristics	Method	Value	Unit
Physical			
Melt Index(230°C, 2.16kg)	ASTM D1238	1.0	g/10min
Density	ASTM D792	0.90	g/cm ³
Mechanical			
Tensile Strength at Yield	ASTM D638	320	kg/cm ²
Flexural Modulus	ASTM D790	15,000	kg/cm ²
Notched Izod Impact Strength(23°C)	ASTM D256	20.0	kg-cm/cm
Rockwell Hardness	ASTM D785	95	R-scale
Thermal			
Vicat Softening point (1kgf)	ASTM D1525	150	°C
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	105	°C

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

Contacts

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Polypropylene Block Copolymer
For Injection Molding Applications

Health, Safety and Food Contact Regulations

Topilene® HJ340N complies with FDA requirements in the code of Federal Regulations in 21 CFR 177. 1520 for food contact.

Storage and Handling

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

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®** is a registered trademark owned or used by HYOSUNG VINA CHEMICALS CORPORATION.

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