

TECHNICAL DATA SHEET

Topilene® HJ340F

Polypropylene Block Copolymer
For CPP & Blown Film Extrusion

Product Description

Topilene® HJ340F is a specially designed polypropylene block copolymer that features very high impact strength and excellent optical properties. It is suitable for retort CPP and Blown film extrusion. **Topilene® HJ340F** complies with FDA requirements in the code of Federal Regulations in 21 CFR 177.1520 for food contact.

Characteristics

Typical Application Retort CPP film / Cast film / Blown film

Features High Stiffness / High Impact Strength / Excellent Heat Resistance / Low Fisheye / Good Heat Seal Strength

Typical Properties

Resin Properties	Method	Value	Unit
Melt Index(230°C, 2.16kg)	ASTM D1238	0.9	g/10min
Density	ASTM D792	0.9	g/cm³
Tensile Strength at Yield	ASTM D638	320	kg/cm²
Flexural Modulus	ASTM D790	15,500	kg/cm²
Notched Izod Impact Strength(23°C / -10°C)	ASTM D256	12 / 5	kg-cm/cm
Film Properties(70 µm)	Method	Value	Unit
Haze	ASTM D1003	>60	%
Seal Strength	HS Method	>5	Kgf/cm²
Impact Strength	HS Method	>8	J

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

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 CHEMICAL 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 CHEMICAL CORPORATION. **Topilene®** is a registered trademark owned or used by HYOSUNG CHEMICAL CORPORATION.

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