

TECHNICAL DATA SHEET

Topilene® J420F

Polypropylene Block Copolymer
For CPP Film Extrusion

Product Description

Topilene® J420F is a specially designed polypropylene block copolymer that features high impact strength and excellent optical properties. It is suitable for protective CPP film extrusion. **Topilene® J420F** complies with FDA 21 CFR 177.1520 and EU No 10/2011 for food contact.

Characteristics

Typical Application Protective CPP film for IT industries / Cast Film

Features High Impact Strength / Excellent Optical Properties / Very Low Fisheye / Low Haze / Good Heat Resistance / Enhanced Processability

Typical Properties

Resin Properties	Method	Value	Unit
Melt Index(230°C, 2.16kg)	ASTM D1238	4.5	g/10min
Density	ASTM D792	0.9	g/cm³
Tensile Strength at Yield	ASTM D638	310	kg/cm²
Flexural Modulus	ASTM D790	13,000	kg/cm²
Notched Izod Impact Strength(23°C / -10°C)	ASTM D256	6.0 / 2.0	kg-cm/cm
Rockwell Hardness	ASTM D785	85	R-Scale
Heat Deflection Temperature	ASTM D648	110	°C
Vicat Softening Point	ASTM D1525	150	°C
Haze(40 µm CPP film)	HS Method	20	%

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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