TECHNICAL DATA SHEET

Topilene® J1105T

Polypropylene Homopolymer
For TWIM Applications

Product Description

***Topilene*® J1105T** a high flow homopolymer with a modified molecular weight. HP741T has been formulated for use in thin walled packaging containers where rapid cycle times are required together with consistent performance and a balanced level of mechanical properties.

Characteristics

Typical Application	Containers, TWIM Food Containers
Features	Fast Cycle (Production); Good Moldability; High Flow; Homopolymer; Nucleated

Typical Properties

Resin Properties	Method	Value	Unit
Melt Index(230℃, 2.16kg)	ASTM D1238	**60**	g/10min
Density	ASTM D792	**0.90**	g/㎤
Tensile Strength at Yield	ASTM D638	**350**	kg/㎠
Flexural Modulus	ASTM D790	**18,000**	kg/㎠
Notched Izod Impact Strength(23℃)	ASTM D256	**4**	kg·cm/cm

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℃ and protected from UV-light. When condensation is visible or can be expected, pre-drying is recommended. (Drying condition: 80~100℃/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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