TECHNICAL DATA SHEET

HYOSUNG VINA CHEMICALS

HYOSUNG Polypropylene
The Next Circular Economy

L6000N

Polypropylene Random Terpolymer
For Heat Seal Layer Of CPP Film

Product Description

Hyosung Polypropylene L6000N is a polypropylene random terpolymer that features excellent transparency and gloss. This grade is designed for packaging applications as heat seal layer film. It has a very low haze and a low SIT (Seal Initiation Temperature).

Hyosung Polypropylene L6000N contains antiblocking agent and slip agent.

Characteristics

Typical Application Heat seal layer of CPP film.

Features High transparency / Phthalate-Free / Bisphenol Free / Low SIT (Seal Initiation Temperature) / Excellent gloss.

Typical Properties

Characteristics		Method	Value	Unit
Physical				
Melt Index(230℃, 2.16kg)		ASTM D1238	**7.0**	g/10min
Density		ASTM D792	**0.90**	g/㎤
Mechanical				
Tensile Strength at Yield		ASTM D638	**250**	kg/㎠
Flexural Modulus		ASTM D790	**7,500**	kg/㎠
Notched Izod Impact Strength(23℃)		ASTM D256	**7.0**	kg·cm/cm
Rockwell Hardness		ASTM D785	**85**	R-scale
Thermal				
Melting Temperature		HS Method	**130**	℃
Heat Seal Temperature		HS Method	**119**	℃
Heat Seal Initiation Temperature		HS Method	**105**	℃
Additional Properties				
Haze	30um film	ASTM D1003	**<2.0**	%

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

Contacts

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Health, Safety and Food Contact Regulations

Hyosung Polypropylene L6000N complies with FDA requirements in the code of Federal Regulations in 21 CFR 177. 1520 for food contact and European Commission Regulation (EU) No 10/2011 and its amendment (EU) No 2016 / 1416 with regard to plastic materials and articles intended to come into contact with food.

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℃/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.

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