

Topilene® L6000

Polypropylene Random Terpolymer

For Low Temperature Sealing Layer of CPP Film

Product Description

Topilene® L6000 is a specially designed polypropylene random terpolymer that features excellent clarity and very low SIT(Seal Initiation Temperature). It is suitable for low temperature heat sealing layer of CPP film and package for food and cosmetics. **Topilene® L6000** complies with FDA 21 CFR 177.1520 and EU 10/2011 for use in food contact.

Characteristics

Typical Application Low temperature heat sealing layer of CPP film / Package for food and cosmetics

Features Excellent transparency / Low SIT(Seal Initiation Temperature) / Excellent heat seal property

Typical Properties

Resin Properties	Method	Value	Unit
Melt Index(230°C, 2.16kg)	ASTM D1238	7.0	g/10min
Density	ASTM D792	0.9	g/cm ³
Tensile Strength at Yield	ASTM D638	240	kg/cm ²
Flexural Modulus	ASTM D790	8,000	kg/cm ²
Notched Izod Impact Strength at 23°C	ASTMD256	10	kg-cm/cm
Melting Temperature	ASTM D3418	130	°C
Seal Initiation Temperature(SIT)	HS Method	120	°C

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

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