

**Topilene® R530C****Polypropylene Random Terpolymer**  
For Medical IV bag/Injection Blow Molding**Product Description**

**Topilene® R530C** is a specially designed random terpolymer that features high clarity, excellent softness and high impact strength. It is suitable for medical IV bag, cosmetic, pharmaceutical and food contact bottles. **Topilene® R530C** passed the US Pharmacopoeia test(USP class VI) and can be used as a medical purpose.

**Characteristics**

**Typical Application** Medical IV(Intravenous) bag / Cosmetic bottles / Pharmaceutical bottles / Food contact bottles / Injection Blow Molding Applications

**Features** High clarity / Excellent softness / High impact strength

**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 <sup>3</sup>
Tensile Strength at Yield	ASTM D638	220	kg/cm <sup>2</sup>
Flexural Modulus	ASTM D790	7,500	kg/cm <sup>2</sup>
Notched Izod Impact Strength at 23°C	ASTM D256	10	kg-cm/cm
Melting Temperature	ASTM D3418	130	°C
Haze(40 μm CPP film)	HS Method	1	%

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.

