

Topilene® TP7600 Ultra-High Impact PP Block Copolymer

For Automotive Applications/PP Compound

Product Description

Topilene® TP7600 is a specially designed polypropylene block copolymer that features ultra-high impact strength, excellent flowability and heat resistance. It is suitable for automotive parts such as bumper, fascia and containers. **Topilene® TP7600** complies with FDA 21 CFR 177.1520 for use in food contact.

Characteristics

Typical Application Automotive parts(Bumper, Fascia) / Containers / PP Compound base resin

Features Ultra-high impact strength / Excellent flowability & Processability. / Heat resistance / Phthalate-free / Non peroxide cracking

Typical Properties

Resin Properties	Method	Value	Unit
Melt Index (230°C, 2.16kg)	ASTM D1238	20	g/10min
Density	ASTM D792	0.9	g/cm ³
Tensile Strength at Yield	ASTM D638	180	kg/cm ²
Flexural Modulus	ASTM D790	8,500	kg/cm ²
Notched Izod Impact Strength (23°C / -10°C)	ASTMD256	N.B / 10	kg-cm/cm
Rockwell Hardness	ASTM D785	56	R-Scale
Heat Deflection Temperature	ASTM D648	100	°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.

Contacts

Head Office 235, Banpo-daero, Seocho-gu, Seoul, Korea 06578

Tel: +82-2-2146-5451~7 Fax: +82-2-2146-5428

Online www.hyosung.com

www.topilene.com

