

Technical Data

Product Description

Homopolymer

Characteristics:

- Processability
- Stiffness

Applications

- General injection

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
UL Yellow Card ²	• E163907-224777
Search for UL Yellow Card	• Hyosung Corporation • Topilene®
Availability	• Asia Pacific • Europe • North America
Features	• General Purpose • Good Processability • Good Stiffness • Homopolymer
Uses	• General Purpose
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25 g/10 min	25 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	5260 psi	36.3 MPa	ASTM D638
Flexural Modulus	242000 psi	1670 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Unnotched Izod Impact (73°F (23°C))	0.55 ft·lb/in	29 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-Scale)	100	100	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 psi (0.45 MPa), Unannealed	230 °F	110 °C	ASTM D648

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL Prospector continually works to link Yellow Cards to individual plastic materials in Prospector, however this list may not include all of the appropriate links. It is important that you verify the association between these Yellow Cards and the plastic material found in Prospector. For a complete listing of Yellow Cards, visit the UL Yellow Card Search.

³ Typical properties: these are not to be construed as specifications.



Where to Buy

Supplier

Hyosung Corporation
Seoul, Korea
Telephone: 82-2-707-7546
Web: <http://www.hyosung.com/>

Distributor

Please contact the supplier to find a distributor for Topilene® J800

