

# HYOSUNG POLYPROPYLENE

## PRODUCT DATA SHEET

### TOPILENE® J740

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#### ● CHARACTERISTICS

TOPILENE® J740 is a well designed block copolymer that features high flowability and balanced mechanical properties suitable for injection molding applications

- ◇ High flowability
- ◇ Good stiffness
- ◇ High impact strength
- ◇ UL 94HB

#### ● PROCESS GUIDE LINE

Require no pre-drying before processing. But moisture might give a bad molding condition and make some quality problems. If it has any moisture, it would be needed pre-drying. (drying condition : 80-100°C / 2-4hrs at air circulated condition)

- ◇ Injection Temp : 190-220°C
- ◇ Injection Pressure : 600-1000 bar

#### ● PROPERTIES

PROPERTY	ASTM METHOD	UNIT	VALUE
Density	D792	g/cm <sup>3</sup>	0.90
Melt Flow Index	D1238	g/10min	25.0
Tensile Strength	D638	kg/cm <sup>2</sup>	270
Flexural Modulus	D790	kg/cm <sup>2</sup>	14,000
Izod Impact Strength at 23°C / -10°C	D256	kg · cm/cm	6.5 / 4.0
Rockwell Hardness	D785	R-Scale	90
Heat Deflection Temp	D648	°C	110
Remark			Impact strength Flowability, UL 94HB

\* The data listed here is typical value not for the specification warranty.

#### ● APPLICATIONS

- ◇ General purpose
- ◇ Industrial Parts (Big size container etc)
- ◇ Electric appliances (Washing M/C parts-Under base, Outer tub etc)