

POLYPROPYLENE BLOCK COPOLYMER

PRODUCT DATA SHEET

TOPILENE® J742

High Flowability · High stiffness & Impact copolymer

● CHARACTERISTICS

TOPILENE® J742 is a well designed block copolymer that features high flowability and excellent mechanical properties suitable for injection molding applications.

- ◇ High flowability
- ◇ Good stiffness & High Impact Strength
- ◇ Short cycle time
- ◇ Anti-static
- ◇ UL 94HB, RTI 65℃

● 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℃/2~4hrs at air circulated condition)

- ◇ Recycled article Ratio : Not Exceed 30wt%
- ◇ Injection Temp : 190~220℃
- ◇ Injection Pressure : 600~1000 bar

● PROPERTIES

PROPERTY	ASTM METHOD	UNIT	VALUE
Density	D792	g/cm ³	0.90
Melt Flow Index	D1238	g/10min	27.0
Tensile Strength	D638	kg/cm ²	300
Elongation	D638	%	200
Flexural Modulus	D790	kg/cm ²	17,000
Izod Impact Strength at 23℃/−10℃	D256	kg · cm/cm	9.0/4.5
Rockwell Hardness	D785	R-Scale	87
Heat Deflection Temp	D648	℃	120

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

● APPLICATIONS

- ◇ Industrial Parts (Bobbin, Container etc)
 - ◇ Electric appliances (Washing M/C parts-outer tub, Inner tub etc
Vaccum cleaner-handle, Cover)
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