

POLYPROPYLENE BLOCK COPOLYMER

PRODUCT DATA SHEET

TOPILENE[®] J945

Super High Flowability · High stiffness & Impact copolymer

● CHARACTERISTICS

TOPILENE[®] J945 is a well designed block copolymer that features excellent flowability and balanced mechanical properties suitable for injection molding applications.

- ◇ Super high flowability
- ◇ Excellent stiffness & High Impact Strength
- ◇ Short cycle time
- ◇ 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℃/2~4hrs at air circulated condition)

- ◇ Recycled article Ratio : Not Exceed 30wt%
- ◇ Injection Temp : 180~210℃
- ◇ Injection Pressure : 500~900 bar

● PROPERTIES

PROPERTY	ASTM METHOD	UNIT	VALUE
Density	D792	g/cm ³	0.90
Melt Flow Index	D1238	g/10min	55.0
Tensile Strength	D638	kg/cm ²	290
Elongation	D638	%	50
Flexural Modulus	D790	kg/cm ²	15,000
Izod Impact Strength at 23℃/−10℃	D256	kg · cm/cm	6.0/3.5
Rockwell Hardness	D785	R-Scale	85
Heat Deflection Temp	D648	℃	120

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

● APPLICATIONS

- ◇ Industrial articles (Big size Container etc)
 - ◇ Electric appliances (Washing M/C parts-outer tub, outer case etc.)
 - ◇ Compounding base (Automobile parts...)
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