

TOPILENE® J740

● CHARACTERISTICS

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

- ◇ High flowability
- ◇ Good stiffness
- ◇ High Impact Strength
- ◇ Anti-static

● 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)

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

● PROPERTIES

PROPERTY	ASTM METHOD	UNIT	VALUE
Density	D792	g/cm ³	0.90
Melt Flow Index	D1238	g/10min	25.0
Tensile Strength	D638	kg/cm ²	290
Elongation	D638	%	500
Flexural Modulus	D790	kg/cm ²	13,000
Izod Impact Strength at 23 °C / -20 °C	D256	kg · cm/cm	10/4.5
Mold Shrinkage	HS Method	MD/TD(%)	1.6/1.6
Rockwell Hardness	D785	R-Scale	85
Heat Deflection Temp	D648	°C	110