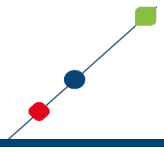
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	6010BP
Product	HDPE

General Information

Key Features	- For blow molding - High stiffness, High speed processability
Applications	Small containers, Milk, Beverage

Item	Measuring Method	Unit	Value
	Physical		
Melt Flow Index	ASTM D1238	g/10min	0.7
Density	ASTM D1505	g/㎤	0.967
	Mechanical		
Tensile Stress (Yield)	ASTM D638	kgf/㎠	300
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/㎠	17,000
	Impact		
Izod Impact Strength(notched) (23℃)	ASTM D256	kgf·㎝/㎝	10
	Thermal		
VICAT Softening Temperature	ASTM D1525	℃	126
	Additional Properties		
ESCR	ASTM D1693	F50hr	40

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01