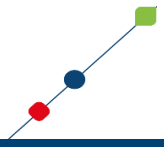
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	BL6200
Product	HDPE

General Information

Key Features	- For blow molding - High speed processability, Good ESCR
Applications	Small size household containers (shampoo, bleach)

Item	Measuring Method	Unit	Value
	Physical		
Melt Flow Index	ASTM D1238	g/10min	0.35
Density	ASTM D1505	g/㎤	0.959
	Mechanical		
Tensile Stress (Yield)	ASTM D638	kgf/㎠	280
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/㎠	12,000
	Impact		
Izod Impact Strength(notched) (23℃)	ASTM D256	kgf·㎝/㎝	12
	Thermal		
VICAT Softening Temperature	ASTM D1525	℃	123
	Additional Properties		
ESCR	ASTM D1693	F50hr	400

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

* The last update date : 2021/10/01

DATASHEET

ISO Property

LOTTE CHEMICAL

Grade	BL6200
Product	HDPE

General Information	
Key Features	- For blow molding - High speed processability, Good ESCR
Applications	Small size household containers (shampoo, bleach)

Item	Measuring Method	Unit	Value
	Physical		
Melt Flow Index	ISO 1133	g/10min	0.35
Density	ISO 1183	g/㎤	0.959
	Mechanical		
Tensile Stress (Yield)	ISO 527	kgf/㎠	270
Tensile Strain (Break)	ISO 527	%	≥500
Flexural Modulus	ISO 178	kgf/㎠	8,000
	Impact		
Izod Impact Strength(notched) (23℃)	ISO 180	kgf·㎝/㎝	10
	Thermal		
VICAT Softening Temperature	ISO 306	℃	123
	Additional Properties		
ESCR	ASTM D1693	F50hr	400

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

* The last update date : 2021/10/01