

DATASHEET

ASTM Property



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/cm ³	0.959
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	280
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	12,000
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	12
Thermal			
VICAT Softening Temperature	ASTM D1525	°C	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

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ISO Property



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/cm ³	0.959
Mechanical			
Tensile Stress (Yield)	ISO 527	kgf/cm ²	270
Tensile Strain (Break)	ISO 527	%	≥500
Flexural Modulus	ISO 178	kgf/cm ²	8,000
Impact			
Izod Impact Strength(notched) (23°C)	ISO 180	kgf·cm/cm	10
Thermal			
VICAT Softening Temperature	ISO 306	°C	123
Additional Properties			
ESCR	ASTM D1693	F50hr	400

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2. ISO 9001, 14001, /TS 16949

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