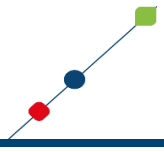
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	5220B
Product	HDPE

General Information

Key Features	- For blow molding - High stiffness, Excellent impact resistance - Anti-static
Applications	Small & medium containers, Household product

Item	Measuring Method	Unit	Value
	Physical		
Melt Flow Index	ASTM D1238	g/10min	0.37
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·㎝/㎝	45
	Thermal		
VICAT Softening Temperature	ASTM D1525	℃	123
	Additional Properties		
ESCR	ASTM D1693	F50hr	60

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

* The last update date : 2021/10/01