

DATASHEET

ASTM Property



Grade	5220B
Product	HDPE

General Information

Key Features	- For blow molding - High stiffness, Excellent impact resistance - Anti-static
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Applications	Small & medium containers, Household product
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Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	0.37
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	45
Thermal			
VICAT Softening Temperature	ASTM D1525	°C	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