

DATASHEET

ASTM Property



Grade	5200B
Product	HDPE

General Information

Key Features	- For blow molding - High stiffness, Excellent impact resistance, Good chemical resistance
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Applications	Small & medium size containers, industrial chemical containers
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Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	0.3
Density	ASTM D1505	g/cm ³	0.963
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	290
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	13,500
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	30
Thermal			
VICAT Softening Temperature	ASTM D1525	°C	125
Additional Properties			
ESCR	ASTM D1693	F50hr	30

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

* The last update date : 2021/10/01