

DATASHEET

ASTM Property



Grade	6200B
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