

5220B
High Density Polyethylene
General Information
Description

- ◆ For Blow Molding
- ◆ High stiffness, Excellent impact resistance
- ◆ Good surface, Anti-static

Applications

- ◆ Bottle(small, medium), Household product, Toy, etc.

Properties ¹			
Physical	Test Method	Nominal Values	
Melt Flow Index (190°C, 2.16kg)	ASTM D1238	0.37	g/10min
Density	ASTM D1505	0.959	g/cm ³
Mechanical			
Tensile Stress (Yield)	ASTM D638	280	kgf/cm ² 27.5 MPa
Tensile Strain (Break)	ASTM D638	≥500	%
Flexural Modulus	ASTM D790	14,000	kgf/cm ² 1,373 MPa
Impact			
Notched IZOD Impact Strength (23°C)	ASTM D256	45	kgf·cm/cm 441 J/m
Thermal			
VICAT Softening Point	ASTM D1525	123	°C
Additional Properties			
ESCR	ASTM D1693	60	F ₅₀ hr

NOTE

ISO 9001, 14001, /TS 16949

¹ Properties: these are not to be construed as specifications

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