

# 6200B

## High Density Polyethylene

### General Information

#### Description

- ◆ For Blow Molding
- ◆ High speed processability, Good ESCR

#### Applications

- ◆ Bottle(small) and household product.(shampoo, bleach)

Properties <sup>1</sup>			
Physical	Test Method	Nominal Values	
Melt Flow Index (190°C, 2.16kg)	ASTM D1238	0.35 g/10min	
Density	ASTM D1505	0.959 g/cm <sup>3</sup>	
Mechanical			
Tensile Stress (Yield)	ASTM D638	280 kgf/cm <sup>2</sup>	27.5 MPa
Tensile Strain (Break)	ASTM D638	≥500 %	
Flexural Modulus	ASTM D790	12,000 kgf/cm <sup>2</sup>	1,177 MPa
Impact			
Notched IZOD Impact Strength (23°C)	ASTM D256	12 kgf·cm/cm	118 J/m
Thermal			
VICAT Softening Point	ASTM D1525	123 °C	
Additional			
ESCR	ASTM D1693	400 F <sub>50</sub> hr	

#### NOTE

ISO 9001, 14001, /TS 16949

<sup>1</sup> Properties: these are not to be construed as specifications