



Grade	BL5400
Product	HDPE

General Information

Key Features

- For blow molding
- Good resistance at chemical, Good ESCR

Applications

Medium size containers, Industrial chemical containers

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	0.14
Density	ASTM D1505	g/cm ³	0.958
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
Durometer Hardness (Shore D)	ASTM D2240	-	60
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	45
Thermal			
VICAT Softening Temperature	ASTM D1525	°C	123
Brittleness temperature	ASTM D746	°C	< -70
Melting Point	LC Method	°C	132
Additional Properties			
ESCR	ASTM D1693	F50hr	450

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

* The last update date : 2021/10/01