

Lutene® H BE0350

High Density Polyethylene

LG Chem Ltd.

Message:

LUTENE-H BE0350 is an excellent material for blow-molded articles with high density and rigidity. It has good flow characteristics, high parison stability and impact resistance.

General Information			
Features	Rigidity, high		
	High density		
	Impact resistance, high		
	Good processing stability		
	Good liquidity		
	Medium wide molecular weight distribution		
Uses	Blown Containers		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.25	g/10 min	ASTM D1238
190°C/21.6 kg	20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	40.0	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2.94	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	440	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	76.0	°C	ASTM D648
Vicat Softening Temperature	130	°C	ASTM D1525 ¹
Melting Temperature ²	134	°C	DSC
Extrusion	Nominal Value	Unit	
Adapter Temperature	175 - 190	°C	
Melt Temperature (Aim)	180	°C	

Die Temperature	160 - 190	°C
Extrusion instructions		
Feeding Zone: 160 - 185 °CCompression Zone: 175 - 195 °CMetering Zone: 180 - 200 °CHead Temperature: 165 - 195°C		
NOTE		
1.	速率 A (50°C/h)	
2.	10°C/min	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

