

Bapolene® 3262

High Density Polyethylene

Bamberger Polymers, Inc.

Message:

Narrow molecular weight distribution injection molding resin. This resin offers intermediate flow, excellent ESCR, excellent impact and good warp resistance. This product meets FDA standards for food contact applications.

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	High ESCR (Stress Crack Resist.)		
	Medium Flow		
	Narrow Molecular Weight Distribution		
	Warp Resistant		
Uses	Closures		
	Containers		
	Pails		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	24.8	MPa	ASTM D638
Tensile Elongation ² (Break)	480	%	ASTM D638
Flexural Modulus - Tangent ³	1320	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	80.0	°C	ASTM D648
Vicat Softening Temperature	125	°C	ASTM D1525
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	Method I (3 point load)		

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

