

MBA HDPE 1107 E

High Density Polyethylene
MBA Polymers

Message:

A post-consumer recycled fractional melt high density polyethylene for general use. Available in standard black (reference 90/04).

General Information	
Recycled Content	Yes
Features	High Density
Uses	General Purpose
Appearance	Black
Forms	Pellets
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	20.0	MPa	ISO 527-2/50
Flexural Modulus (23°C)	600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	20	kJ/m ²	ISO 180/1A
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	1.0 to 2.0	hr	
Suggested Max Moisture	0.050 to 0.10	%	
Processing (Melt) Temp	190 to 210	°C	
Mold Temperature	10.0 to 30.0	°C	
Extrusion	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	1.0 to 2.0	hr	
Suggested Max Moisture	0.050 to 0.10	%	
Melt Temperature	190 to 210	°C	

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

