

Ecomass® 3608BX60

High Density Polyethylene

Ecomass Technologies

Message:

Ecomass® 3608BX60 is a High Density Polyethylene material filled with 20% filler. It is available in North America for compression molding or injection molding.

General Information			
Filler / Reinforcement	Filler,20% Filler by Weight		
Processing Method	Compression Molding Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60 to 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2070	MPa	ASTM D638
Tensile Strength	10.0	MPa	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Flexural Modulus	1930	MPa	ASTM D790
Flexural Strength	13.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	76.7	°C	
1.8 MPa, Unannealed	65.6	°C	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	177 to 227	°C	
Mold Temperature	21.1 to 65.6	°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



WECHAT