

# Osterlene® MIPS131.4

Medium Impact Polystyrene

Osterman & Company

Message:

MIPS131.4 is a medium impact polystyrene with balanced physical properties.  
This polymer is utilized in applications such as scale models, toys, housewares, and containers which require consistency from shot to shot.  
MIPS131.4 is good for thin walled parts with complex runners and gates, it runs fast and consistently with easy flow.  
The natural whiteness of MIPS131.4 allows for brightness of colors and reproducibility of color matches. MIPS131.4 is the base carrier of choice for many color concentrate producers.

General Information			
Features	Good liquidity		
	Medium impact resistance		
Uses	Household goods		
	Container		
	Toys		
Agency Ratings	FDA 21 CFR 177.1640		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2480	MPa	ASTM D638
Tensile Strength (Yield)	24.8	MPa	ASTM D638
Tensile Elongation (Yield)	45	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	44.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	75	J/m	ASTM D256
Instrumented Dart Impact	11.3	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Annealed)	87.8	°C	ASTM D648
Vicat Softening Temperature	92.2	°C	ASTM D1525
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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

