

polyvic® M-1838-GL 06

Polyvinyl Chloride

Unipack Plasindo

Message:

PVC Compound Medium Impact Strength

M-1838-GL 06 , High clarity with little bit bluish, has an balance stiffness and impact resist, designed for bottle application 300-1000 ml (Depend design and wall thickness of the bottle)

Features

Medium Impact Strength

High Clarity

Processing Method

Blow Molding

Typical Applications

Bottle

Simple pipe

General Information			
Features	Good Stiffness		
	High Clarity		
	Medium Impact Resistance		
Uses	Bottles		
	Piping		
Appearance	Clear - Blue Tint		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Durometer Hardness (Shore A)	92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	50.0	MPa	ASTM D638
Tensile Elongation (Break)	17	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	72	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	68.0	°C	ASTM D648
Vicat Softening Temperature	79.0	°C	ASTM D256
Flammability	Nominal Value	Unit	Test Method
Burning Rate	4.4	mm/min	ASTM D635
Optical	Nominal Value	Unit	Test Method
Transmittance	89.6	%	ASTM D1003

Extrusion	Nominal Value	Unit
Hopper Temperature	160 to 170	°C
Cylinder Zone 1 Temp.	160 to 170	°C
Cylinder Zone 2 Temp.	170 to 180	°C
Cylinder Zone 3 Temp.	180 to 185	°C
Cylinder Zone 4 Temp.	185 to 190	°C
Cylinder Zone 5 Temp.	190 to 195	°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

