

polyvic® M-1828-GL

Polyvinyl Chloride

Unipack Plasindo

Message:

PVC Compound Low Impact Strength

M-1828-GL, High clarity with total clear, has an balance stiffness and impact resist, designed for bottle application under 300 ml (Depend design and wall thickness of the bottle)

Features

Low Impact Strength

High Clarity

Processing Methode

Blow Molding

Typical Applications

Bottle

General Information			
Features	Good Impact Resistance		
	Good Stiffness		
	High Clarity		
Uses	Bottles		
Appearance	Clear/Transparent		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	17		ASTM D785
Durometer Hardness (Shore A)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.8	MPa	ASTM D638
Tensile Elongation (Break)	180	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	76	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	55.2	°C	ASTM D648
Vicat Softening Temperature	81.6	°C	ASTM D256
Flammability	Nominal Value	Unit	Test Method
Burning Rate	3.4	mm/min	ASTM D635
Optical	Nominal Value	Unit	Test Method
Transmittance	90.0	%	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.	185 to 190	°C
Die Temperature	185 to 195	°C

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