polyvic® M-1828-GL 06

Polyvinyl Chloride

Unipack Plasindo

Message:

PVC Compound Medium Impact Strength
M-1828-GL 06, High clarity with little bit bluish, has an balance stiffness and impact resist, designed for bottle application 50-250 ml (Depend design and wall thickness of the bottle)
Features
Medium Impact Strength
High Clarity
Processing Method
Blow Molding
Typical Applications
Bottle

General Information			
Features	Good Stiffness High Clarity Medium Impact Resistance		
Uses	Bottles		
Appearance	Clear - Blue Tint		
Processing Method	Blow Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.36	g/cm³	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	4.3	mm/min	ASTM D635
Optical	**Nominal Value**	**Unit**	**Test Method**
Transmittance	90.1	%	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

Recommended distributors for this material

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WECHAT