

polyvic® M-1848-GV 05

Polyvinyl Chloride

Unipack Plasindo

Message:

PVC Compound Super High Impact Strength
M-1848-GV 05 , High clarity with little bit bluish, has an balance stiffness and impact resist, designed for general application

Features

- Super High Impact Strength
- High Clarity
- Processing Method
- Blow Molding
- Typical Applications
- General

General Information			
Features	Good Stiffness		
	High Clarity		
	Ultra High Impact Resistance		
Uses	Blow Molding Applications		
Appearance	Clear - Blue Tint		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	14		ASTM D785
Durometer Hardness (Shore D)	76		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	47.7	MPa	ASTM D638
Tensile Elongation (Break)	180	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	64.6	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	52.9	°C	ASTM D648
Vicat Softening Temperature	78.2	°C	ASTM D256
Flammability	Nominal Value	Unit	Test Method
Burning Rate	4.4	mm/min	ASTM D635
Optical	Nominal Value	Unit	Test Method
Transmittance	90.0	%	ASTM D1003
Additional Information	Nominal Value	Unit	
Xenon Lamp Test - UV Life Period / Time to Yellowness ¹	5.5	month	

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
NOTE		
1.	equal to 2 years	

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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

