

# polyvic® E-1836-PL

Polyvinyl Chloride

Unipack Plasindo

## Message:

- PVC Compound High Impact Strength
- E-1836-PL, natural color compound, has an balance stiffness and impact resist, designed for extrusion profile (edge bending)
- Features
- High Impact Strength
- Processing Method
- Extrusion
- Typical Applications
- Profile (edge bending)

General Information			
Features	Good Stiffness		
	High Impact Resistance		
Uses	Profiles		
Appearance	Natural Color		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	15		ASTM D785
Durometer Hardness (Shore D)	78		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 (Area)	21.8	kJ/m <sup>2</sup>	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	53.8	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Hopper Temperature	150 to 155	°C	
Cylinder Zone 1 Temp.	150 to 155	°C	
Cylinder Zone 2 Temp.	155 to 160	°C	
Cylinder Zone 3 Temp.	155 to 160	°C	
Cylinder Zone 4 Temp.	160 to 165	°C	
Cylinder Zone 5 Temp.	165 to 170	°C	
Adapter Temperature	160 to 165	°C	

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