

polyvic® E-1838-IL 06

Polyvinyl Chloride

Unipack Plasindo

Message:

- PVC Compound High Impact Strength
- E-1838-IL 06, high clarity with clear, has an balance stiffness and impact resist, designed for profile transparent (IC Tube).
- Features
- High Impact Strength
- Processing Method
- Extrusion
- Typical Applications
- Profile
- IC Tube

General Information			
Features	Good Stiffness		
	High Clarity		
	High Impact Resistance		
Uses	Profiles		
	Tubing		
Appearance	Clear/Transparent		
Processing Method	Extrusion		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	14		ASTM D785
Durometer Hardness (Shore A)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.8	MPa	ASTM D638
Tensile Elongation (Break)	1200	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	180	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	55.9	°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
Extrusion	Nominal Value	Unit	
Hopper Temperature	145 to 150	°C	
Cylinder Zone 1 Temp.	145 to 150	°C	
Cylinder Zone 2 Temp.	150 to 155	°C	
Cylinder Zone 3 Temp.	155 to 160	°C	
Cylinder Zone 4 Temp.	165 to 170	°C	
Cylinder Zone 5 Temp.	170 to 175	°C	
Adapter Temperature	165 to 170	°C	

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