

polyvic® E-1822-PL 95

Polyvinyl Chloride

Unipack Plasindo

Message:

PVC Compound Medium Impact Strength
E-1822-PL 95, grey color compound, has an balance stiffness and impact resist, designed for extrusion profile and pipe.

- Features
- Medium Impact Strength
- Processing Method
- Extrusion
- Typical Applications
- Profile, Pipe

General Information	
Features	Good Stiffness
	Medium Impact Resistance
Uses	Piping
	Profiles
Appearance	Grey
Processing Method	Pipe Extrusion
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	14		ASTM D785
Durometer Hardness (Shore D)	79		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)	10.0	kJ/m ²	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	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.	160 to 165	°C	

Cylinder Zone 5 Temp.	170 to 175	°C
Adapter Temperature	160 to 165	°C

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