

Keysor PVC KC1101

Polyvinyl Chloride
Keysor-Century Corporation

Message:

Keysor PVC KC1101 is a Polyvinyl Chloride product. It can be processed by extrusion and is available in North America.
Characteristics include:
Flame Rated
Clarity
Good Processability
Heat Resistant
High Gloss

General Information			
Features	General Purpose		
	Good Flow		
	Good Impact Resistance		
	Good Processability		
	Good Thermal Stability		
	High Clarity		
	High Gloss		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2220	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	45.5	MPa	
Break	31.7	MPa	
Tensile Elongation (Break)	87	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength (Yield)	63.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	1200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	67.2	°C	ASTM D648

Flammability	Nominal Value	Test Method
Flame Rating	V-0	UL 94

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Recommended distributors for this material

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