

K-Bin Rigid PVC KB-6401

Polyvinyl Chloride

K-Bin, Inc.

Message:

General purpose exterior compound with excellent processing and heat stability for profile extrusion. Superior clarity. Excellent for circuit magazine tubes.

General Information			
Features	Workability, good		
	Definition, high		
	Thermal stability, good		
Forms	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3030	MPa	ASTM D638
Tensile Strength (Yield)	50.3	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	67.8	°C	ASTM D648
Additional Information			
Gardner Impact, 14lb impact weight on profile of 0.125", ASTM D-4226, Method "A": >4.63 (in-lbs/mil)Gardner Impact, 14lb impact weight on profile of 0.125", ASTM D-4226, Method "B": >5.63 (in-lbs/mil)			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	166	°C	
Cylinder Zone 2 Temp.	171	°C	
Cylinder Zone 3 Temp.	174	°C	
Cylinder Zone 4 Temp.	177	°C	
Die Temperature	179	°C	

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Recommended distributors for this material

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