

K-Bin Rigid PVC KB-7400

Polyvinyl Chloride

K-Bin, Inc.

Message:

Profiles produced from this compound will have high impact and superior clarity.

General Information			
Features	Impact resistance, high		
	Definition, high		
Uses	Profile		
Forms	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	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	2960	MPa	ASTM D638
Tensile Strength (Yield)	45.5	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	960	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648
Additional Information			
Gardner Impact, 14lb impact weight on profile of 0.125", ASTM D-4226, Method "A": >4.59 (in-lbs/mil)Gardner Impact, 14lb impact weight on profile of 0.125", ASTM D-4226, Method "B": >4.59 (in-lbs/mil)			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	163	°C	
Cylinder Zone 2 Temp.	166	°C	
Cylinder Zone 3 Temp.	171	°C	
Cylinder Zone 4 Temp.	174	°C	
Die Temperature	174	°C	

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Recommended distributors for this material

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