

K-Bin Rigid PVC KB-6070

Polyvinyl Chloride

K-Bin, Inc.

Message:

General purpose clear extrusion compound with excellent heat stability for extrusion blow molding. High impact, excellent clarity and increased resistance to UV penetration.

General Information			
Additive	UV stabilizer		
Features	Impact resistance, high		
	Good UV resistance		
	Workability, good		
	Definition, high		
	Thermal stability, good		
	General		
Uses	Packaging		
Appearance	Blue		
Forms	Particle		
Processing Method	Extrusion blow 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	2900	MPa	ASTM D638
Tensile Strength (Yield)	45.5	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	1100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	6.0	%	ASTM D1003
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.	168	°C	
Cylinder Zone 2 Temp.	171	°C	
Cylinder Zone 3 Temp.	177	°C	

Cylinder Zone 4 Temp.	179	°C
Die Temperature	179	°C

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Recommended distributors for this material

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