

# K-Bin Rigid PVC KB-5026

Polyvinyl Chloride

K-Bin, Inc.

Message:

Interior rigid PVC general purpose compound with good mechanical properties. High gloss, good dimensional stability, extremely versatile compound.

General Information			
Features	Good dimensional stability		
	Highlight		
	General		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2830	MPa	ASTM D638
Tensile Strength (Yield)	44.8	MPa	ASTM D638
Flexural Modulus	2720	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	720	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	62.2	°C	ASTM D648
Flammability	Nominal Value	Test Method	
	V-0		
Flame Rating	5V	UL 94	
Additional Information			
Gardner Impact, 14lb impact weight on profile of 0.125", ASTM D-4226, Method "A": >4.75 (in-lbs/mil)Gardner Impact, 14lb impact weight on profile of 0.125", ASTM D-4226, Method "B": >4.71 (in-lbs/mil)			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	168	°C	

Cylinder Zone 2 Temp.	174	°C
Cylinder Zone 3 Temp.	179	°C
Cylinder Zone 4 Temp.	182	°C
Die Temperature	179	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

