

K-Bin Rigid PVC KB-5011

Polyvinyl Chloride

K-Bin, Inc.

Message:

Interior rigid PVC general purpose compound. Easy to process and gives extended runs without loss of color or degradation.

General Information			
Features	Workability, good		
	General		
Agency Ratings	NSF 51		
	UL 94		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2980	MPa	ASTM D638
Tensile Strength (Yield)	45.5	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)	670	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.0	°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": >5.44 (in-lbs/mil)Gardner Impact, 14lb impact weight on profile of 0.125", ASTM D-4226, Method "B": >5.44 (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	185	°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

