

K-Bin Rigid PVC KBD-5001

Polyvinyl Chloride

K-Bin, Inc.

Message:

KBD-5001 was compounded for outdoor use and is an excellent material in its resistance to the elements. Extensive outdoor testing in varied temperature climates is an ongoing program at K-Bin. KBD-5001 is tested and critically evaluated in terms of color retention and impact resistance over time. KBD-5001 has good sizing and outstanding toughness. It is an extremely versatile compound and can be used for numerous exterior applications.

General Information			
Features	Good Chemical Resistance		
	Good Color Stability		
	Good Impact Resistance		
	Good Toughness		
	Good UV Resistance		
	Good Weather Resistance		
Uses	Outdoor Furnishings		
Agency Ratings	NSF 51		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	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	2570	MPa	ASTM D638
Tensile Strength	49.3	MPa	ASTM D638
Flexural Modulus	2630	MPa	ASTM D790
Flexural Strength	81.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	1200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.0	°C	ASTM D648

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

