

# K-Bin Rigid PVC KBD-5002

Polyvinyl Chloride

K-Bin, Inc.

## Message:

KBD-5002 was compounded as a general purpose powder blend profile compound. It has excellent impact resistance and flexural strength and can be processed for long times without loss of color. KBD-5002 has good dimensional stability and outstanding toughness. It is an extremely versatile compound and can be used for many applications.

General Information			
Features	General Purpose		
	Good Dimensional Stability		
	Good Impact Resistance		
	Good Toughness		
	High Strength		
Uses	General Purpose		
Agency Ratings	UL 94		
Forms	Powder		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	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	2640	MPa	ASTM D638
Tensile Strength	52.0	MPa	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Flexural Strength	77.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	1400	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648

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