

# K-Bin Rigid PVC KBD-5008N

Polyvinyl Chloride

K-Bin, Inc.

## Message:

KBD-5008N was compounded as a general purpose powder blend profile compound. It has excellent flexural strength and can be processed for extended runs without loss of stability. KBD-5008N is supplied as a natural compound. It shows good color dispersion with both dry and compounded color concentrates. It is a versatile compound with many applications.

General Information			
Features	General Purpose		
	Good Colorability		
	Good Dimensional Stability		
	High Strength		
Uses	General Purpose		
Agency Ratings	UL 94		
Appearance	Colors Available		
	Natural Color		
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	2970	MPa	ASTM D638
Tensile Strength	50.2	MPa	ASTM D638
Flexural Modulus	2910	MPa	ASTM D790
Flexural Strength	82.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.8	°C	ASTM D648

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