

# K-Bin Rigid PVC KBD-4000

Polyvinyl Chloride

K-Bin, Inc.

### Message:

KBD-4000 is a rigid PVC powder blend pipe compound for multi-screw extruders. This compound has superior process stability and it is capable of long extended runs without die line build-up or color shift. KBD-4000 meets the requirements of cell designation 12454B as defined in ASTM D1784. It is NSF approved and listed under Std. 14/61.

General Information			
Features	Good Processability		
Uses	Piping		
Agency Ratings	NSF 14		
Forms	Powder		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2960	MPa	ASTM D638
Tensile Strength	51.0	MPa	ASTM D638
Flexural Strength	97.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	77.2	°C	ASTM D648

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