

K-Bin Rigid PVC KB-5048

Rigid Polyvinyl Chloride

K-Bin, Inc.

Message:

K-Bin Rigid PVC KB-5048 is a Rigid Polyvinyl Chloride material. It is available in North America for profile extrusion.

Important attributes of K-Bin Rigid PVC KB-5048 are:

Good Dimensional Stability

Good Processability

Good Weather Resistance

Typical application of K-Bin Rigid PVC KB-5048: Wire & Cable

General Information			
Features	General Purpose		
	Good Color Stability		
	Good Dimensional Stability		
	Good Processability		
	Good Weather Resistance		
Agency Ratings	UL 94		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm³	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)	45.4	MPa	ASTM D638
Flexural Modulus	2720	MPa	ASTM D790
Flexural Strength	72.7	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

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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

