

K-Bin Rigid PVC KB-6100

Polyvinyl Chloride

K-Bin, Inc.

Message:

Food grade compound formulated to provide excellent processing and heat stability for extrusion blow molding. Has high impact and good clarity. Formulated with FDA approved dioctyl-tin heat stabilizer. Used in all food packaging products sensitive to odor and taste. Certified not to exceed 5 PPB of residual vinyl chloride monomer. Available in several transparent tints.

General Information			
Additive	Heat Stabilizer		
Features	Good Processability		
	Good Thermal Stability		
	Heat Stabilized		
	High Clarity		
	High Impact Resistance		
Uses	Non-specific Food Applications		
Agency Ratings	FDA Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3030	MPa	ASTM D638
Tensile Strength (Yield)	46.2	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	1100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648

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