

K-Bin Rigid PVC KB-6200

Polyvinyl Chloride

K-Bin, Inc.

Message:

General purpose exterior compound with superior clarity, good printability, tear resistance and free of inclusions.

| General Information | | | |
|--|------------------------|-------------------|-------------|
| Features | Good tear strength | | |
| | Definition, high | | |
| | General | | |
| Forms | Particle | | |
| Processing Method | Extrusion blow molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.34 | 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 | 3240 | MPa | ASTM D638 |
| Tensile Strength (Yield) | 53.1 | MPa | ASTM D638 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (3.18 mm) | 110 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 58.9 | °C | ASTM D648 |
| Additional Information | | | |
| Gardner Impact, 14lb impact weight on profile of 0.125", ASTM D-4226, Method "A": >4.67 (in-lbs/mil)Gardner Impact, 14lb impact weight on profile of 0.125", ASTM D-4226, Method "B": >4.71 (in-lbs/mil) | | | |
| Extrusion | Nominal Value | Unit | |
| Cylinder Zone 1 Temp. | 174 | °C | |
| Cylinder Zone 2 Temp. | 179 | °C | |
| Cylinder Zone 3 Temp. | 182 | °C | |
| Cylinder Zone 4 Temp. | 185 | °C | |
| Die Temperature | 179 | °C | |

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