

K-Bin Rigid PVC KB-2000

Rigid Polyvinyl Chloride

K-Bin, Inc.

Message:

K-Bin Rigid PVC KB-2000 is a Rigid Polyvinyl Chloride material. It is available in North America for injection molding.

Typical application of K-Bin Rigid PVC KB-2000: Plumbing/Piping/Potable Water

| General Information | | | |
|---|---------------------------------------|-------------------|-------------|
| Agency Ratings | ASTM D 1784 12454B | | |
| | NSF 14 | | |
| | NSF 61 | | |
| | NSF Type I, Grade I DWV pipe fittings | | |
| Appearance | Colors Available | | |
| | White | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.39 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 80 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 3100 | MPa | ASTM D638 |
| Tensile Strength (Yield) | 54.1 | MPa | ASTM D638 |
| Flexural Modulus | 3030 | MPa | ASTM D790 |
| Flexural Strength | 96.5 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (3.18 mm) | 53 | 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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