

Prime 4104

Rigid Polyvinyl Chloride

Prime PVC®

Message:

Prime 4104 is a Rigid Polyvinyl Chloride material. It is available in North America for extrusion. Primary attribute of Prime 4104: Impact Resistant.

| General Information | | | |
|---|------------------------|-------|-------------|
| Features | High Impact Resistance | | |
| | Low Die Swell | | |
| Appearance | Matte Finish | | |
| Forms | Pellets | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.39 | g/cm³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 79 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2690 | MPa | ASTM D638 |
| Tensile Strength (Yield) | 45.5 | MPa | ASTM D638 |
| Flexural Modulus | 2850 | MPa | ASTM D790 |
| Flexural Strength (Yield) | 79.3 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 1100 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 72.2 | °C | ASTM D648 |

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Recommended distributors for this material

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