

Prime 4250 NAT 06

Rigid Polyvinyl Chloride

Prime PVC®

Message:

Prime 4250 NAT 06 is a Rigid Polyvinyl Chloride material. It is available in North America for profile extrusion. Primary attribute of Prime 4250 NAT 06: Flame Rated.
Typical application of Prime 4250 NAT 06: Plumbing/Piping/Potable Water

| General Information | | | |
|---|------------------------|-------------|-------------|
| Agency Ratings | NSF Unspecified Rating | | |
| Appearance | Natural Color | | |
| 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) | 70 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2830 | MPa | ASTM D638 |
| Tensile Strength | 37.9 | MPa | ASTM D638 |
| Flexural Modulus | 2830 | MPa | ASTM D790 |
| Flexural Strength | 84.1 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 960 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 71.1 | °C | ASTM D648 |
| CLTE - Flow | 6.1E-5 | cm/cm/°C | ASTM D696 |
| Flammability | Nominal Value | Test Method | |
| | V-0 | | |
| Flame Rating | 5V | UL 94 | |

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Recommended distributors for this material

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