

- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

| | |
|-------------------|--------------------------|
| Material Status | • Commercial: Active |
| Availability | • Asia Pacific |
| Features | • Good Impact Resistance |
| Uses | • Fittings |
| Forms | • Pellets |
| Processing Method | • Injection Molding |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|----------|-------------|
| Specific Gravity | 1.46 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ² (Yield) | 6540 | psi | ASTM D638 |
| Tensile Elongation ³ (Break) | 110 | % | ASTM D638 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 1.1 | ft-lb/in | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 199 | °F | ASTM D1525 |
| Thermal Stability ⁴ (374°F) | > 30 | min | BS 2782 |

Notes

¹ Typical properties: these are not to be construed as specifications.

² 20 in/min

³ 9.8 in/min

⁴ Congo Red

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