

- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

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|-------------------|----------------------------|
| Material Status | • Commercial: Active |
| Availability | • Asia Pacific |
| Features | • Medium Impact Resistance |
| Uses | • Fittings |
| Agency Ratings | • NSF STD-61 |
| RoHS Compliance | • RoHS Compliant |
| Forms | • Pellets |
| Processing Method | • Injection Molding |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|-----------------------------|---------------|----------|-------------|
| Specific Gravity | 1.40 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 6530 | psi | ASTM D638 |
| Tensile Elongation (Break) | 100 | % | ASTM D638 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 0.75 | ft-lb/in | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 183 | °F | ASTM D1525 |

Notes

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

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