

- Rigid Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

| | | | |
|-------------------|--------------------------|----------------|------------|
| Material Status | • Commercial: Active | | |
| Availability | • Asia Pacific | | |
| Features | • Good Impact Resistance | • Medium Gloss | |
| Uses | • Conduit | • Piping | • Profiles |
| Forms | • Pellets | | |
| Processing Method | • Extrusion | | |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|----------|-------------|
| Specific Gravity | 1.52 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ² (Yield) | 6680 | psi | ASTM D638 |
| Tensile Elongation ² (Break) | 110 | % | ASTM D638 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 0.73 | ft-lb/in | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 208 | °F | ASTM D1525 |
| Thermal Stability ³ (374°F) | > 30 | min | BS 2782 |

Notes

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

² 9.8 in/min

³ Congo Red

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