

- Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

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|-------------------|-----------------------------|
| Material Status | • Commercial: Active |
| Availability | • Asia Pacific |
| Features | • High Stiffness |
| Uses | • Appliance Wire Insulation |
| Forms | • Pellets |
| Processing Method | • Extrusion |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|------|-------------|
| Specific Gravity | 1.45 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 3270 | psi | ASTM D638 |
| Tensile Elongation (Break) | 200 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | 95 | | ASTM D2240 |
| Aging | Nominal Value | Unit | Test Method |
| Change in Tensile Strength (180°F, 168 hr) | 10 | % | ASTM D638 |
| Change in Ultimate Elongation (180°F, 168 hr) | 15 | % | ASTM D638 |

Notes

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

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