

- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

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|-------------------|----------------------|
| Material Status | • Commercial: Active |
| Availability | • Asia Pacific |
| Features | • Foamable |
| Uses | • Footwear |
| Forms | • Pellets |
| Processing Method | • Injection Molding |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|------|-------------|
| Specific Gravity | 1.20 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ² (Yield) | 1820 | psi | ASTM D638 |
| Tensile Elongation ² (Break) | 380 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 62 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| 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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Revision Date: 1/1/2013

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