

'05A

- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

| General Information | | | | |
|---------------------|-------------------------|--|--|--|
| General | | | | |
| Material Status | Commercial: Active | | | |
| Availability | Asia Pacific | | | |
| Features | Good Impact Resistance | | | |
| Uses | Electrical Parts Piping | | | |
| Forms | Pellets | | | |
| Processing Method | Injection Molding | | | |

| ASTM & ISO Properties ¹ | | | | |
|-------------------------------------|---------------|----------|-------------|--|
| Physical | Nominal Value | Unit | Test Method | |
| Specific Gravity | 1.41 | | ASTM D792 | |
| Mechanical | Nominal Value | Unit | Test Method | |
| Tensile Strength (Yield) | 7250 | psi | ASTM D638 | |
| Tensile Elongation (Break) | 110 | % | ASTM D638 | |
| Impact | Nominal Value | Unit | Test Method | |
| Notched Izod Impact | 0.55 | ft·lb/in | ASTM D256 | |
| Thermal | Nominal Value | Unit | Test Method | |
| Vicat Softening Temperature | 190 | °F | ASTM D1525 | |
| Heat Stability ² (374°F) | 1.7 | hr | BS 2782 | |

Notes

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

² Congo Red@190oC

In U.S. for Vinyls, TPEs, Colorants,

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