

## - Flexible Polyvinyl Chloride

Thursday, June 29, 2017

| General Information |                                   |  |  |  |
|---------------------|-----------------------------------|--|--|--|
| General             |                                   |  |  |  |
| Material Status     | Commercial: Active                |  |  |  |
| Availability        | Asia Pacific                      |  |  |  |
| Features            | Food Contact Acceptable Non-Toxic |  |  |  |
| Uses                | Hose Tubing                       |  |  |  |
| Forms               | Pellets                           |  |  |  |
| Processing Method   | Extrusion                         |  |  |  |

| ASTM & ISO Properties <sup>1</sup>      |               |      |             |  |
|-----------------------------------------|---------------|------|-------------|--|
| Physical                                | Nominal Value | Unit | Test Method |  |
| Specific Gravity                        | 1.20          |      | ASTM D792   |  |
| Mechanical                              | Nominal Value | Unit | Test Method |  |
| Tensile Strength <sup>2</sup> (Yield)   | 2130          | psi  | ASTM D638   |  |
| Tensile Elongation <sup>2</sup> (Break) | 320           | %    | ASTM D638   |  |
| Hardness                                | Nominal Value | Unit | Test Method |  |
| Durometer Hardness (Shore A)            | 65            |      | ASTM D2240  |  |
| Thermal                                 | Nominal Value | Unit | Test Method |  |
| Thermal Stability <sup>3</sup> (374°F)  | > 50          | min  | BS 2782     |  |

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 9.8 in/min

<sup>3</sup> Congo Red

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