

# Geon™ Vinyl Flexible XV3875

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™Vinyl Flexible XV3875 is a flexible polyvinyl chloride product. It can be processed by extrusion or injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™The application fields of Vinyl Flexible XV3875 include hose and food contact applications. The main characteristics are: accessible food.

| General Information |                              |
|---------------------|------------------------------|
| Features            | Compliance of Food Exposure  |
| Uses                | Pipe                         |
|                     | Pipe fittings                |
| Agency Ratings      | FDA Food Exposure, Not Rated |
| Appearance          | Clear/transparent            |
| Forms               | Particle                     |
| Processing Method   | Extrusion                    |
|                     | Injection molding            |

| Physical                                | Nominal Value | Unit  | Test Method |
|-----------------------------------------|---------------|-------|-------------|
| Specific Gravity                        | 1.22          | g/cm³ | ASTM D792   |
| Hardness                                | Nominal Value | Unit  | Test Method |
| Durometer Hardness (Shore A, 10 sec)    | 78            |       | ASTM D2240  |
| Mechanical                              | Nominal Value | Unit  | Test Method |
| Tensile Strength <sup>1</sup>           |               |       | ASTM D638   |
| Fracture                                | 17.2          | MPa   | ASTM D638   |
| 100% strain                             | 10.3          | MPa   | ASTM D638   |
| Tensile Elongation <sup>2</sup> (Break) | 350           | %     | ASTM D638   |
| Thermal                                 | Nominal Value | Unit  | Test Method |
| Brittleness Temperature                 | -37.0         | °C    | ASTM D746   |

## Additional Information

注释:本化合物配方中所用的全部成分均在美国食品及药物管理局《联邦法规法典》第21章中列出.唯一的限制是,增塑剂 “仅用于高含水量食物” .本说明仅为食品及药物管理局清单关于该产品内容的概述.由用户负责确保此化合物适用于其预期应用.

| NOTE |                   |
|------|-------------------|
| 1.   | Type 4, 510mm/min |
| 2.   | Type 4, 510mm/min |

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