

Geon™ Vinyl Packaging XPL 355GC

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Packaging XPL 355GC is a Rigid Polyvinyl Chloride product. It can be processed by blow molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Packaging XPL 355GC include bottles, food contact applications and packaging.

Characteristics include:

Food Contact Acceptable

High Gloss

Impact Resistant

| General Information | | | |
|---|--------------------------------------|-------------------|-------------|
| Features | Food Contact Acceptable | | |
| | High Gloss | | |
| | High Impact Resistance | | |
| Uses | Bottles | | |
| | Packaging | | |
| Agency Ratings | FDA Food Contact, Unspecified Rating | | |
| Appearance | Clear/Transparent | | |
| Forms | Pellets | | |
| Processing Method | Blow Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.31 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 77 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Yield) | 49.4 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | 55 | % | ASTM D638 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm, Injection Molded) | 1100 | J/m | ASTM D256A |
| Additional Information | Nominal Value | Unit | |
| Blow Molding Temperature | 199 to 207 | °C | |
| NOTE | | | |
| 1. | Type I, 5.1 mm/min | | |
| 2. | Type I, 5.1 mm/min | | |

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