

Axial PVC 9202J

Rigid Polyvinyl Chloride

Axial Corporation

Message:

Georgia Gulf 9202 is suitable for all types of food packaging. The compound provides low taste and odor properties and contains an ultraviolet light stabilizer which protects light sensitive products.

| General Information | | | |
|---|---|-------------------|-------------|
| Additive | UV Stabilizer | | |
| Features | Low to No Odor | | |
| | Low to No Taste | | |
| Uses | Food Packaging | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.29 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2410 | MPa | ASTM D638 |
| Tensile Strength (Yield) | 41.4 | MPa | ASTM D638 |
| Flexural Modulus | 2240 | MPa | ASTM D790 |
| Flexural Strength | 69.6 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | | | ASTM D256 |
| 3.18 mm | 1100 | J/m | |
| 6.35 mm | 750 | J/m | |
| Tensile Impact Strength | 179 | kJ/m ² | ASTM D1822 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 60.0 | °C | ASTM D648 |
| Optical | Nominal Value | Unit | Test Method |
| Transmittance (3180 µm) | 76.0 | % | ASTM D1003 |
| Haze (3180 µm) | 6.0 | % | ASTM D1003 |
| Additional Information | Nominal Value | Unit | |
| Bottle Mean Failure Height ¹ | > 457.20 | cm | |
| Equilibrium Torque ² (190°C) | 14.2 | J | |
| Stability Time | 22.0 | min | |
| NOTE | | | |
| 1. | Vertical Free Fal, 30g, 16 oz cylinders | | |
| 2. | Brabender Plastograph, No 6, Roller Head, 57g charge, 60/43 rpm | | |

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