

Axial PVC 9113J Clear 13

Rigid Polyvinyl Chloride

Axial Corporation

Message:

Georgia Gulf 9113J Clear 13 is used for a variety of packaging applications including charcoal lighter fluid, toiletries and household chemicals. It has excellent impact strength and contains an ultraviolet light stabilizer which protects light sensitive products.

| General Information | | | |
|---|-------------------------|-------------------|-------------|
| Additive | UV stabilizer | | |
| Features | Impact resistance, high | | |
| Uses | Packaging | | |
| Appearance | Clear/transparent | | |
| Forms | Particle | | |
| Processing Method | Blow molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.31 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2520 | MPa | ASTM D638 |
| Tensile Strength (Yield) | 41.4 | MPa | ASTM D638 |
| Flexural Strength | 75.8 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | | | ASTM D256 |
| 3.18 mm | 1200 | J/m | ASTM D256 |
| 6.35 mm | 530 | J/m | ASTM D256 |
| Tensile Impact Strength | 185 | kJ/m ² | ASTM D1822 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 64.0 | °C | ASTM D648 |
| Optical | Nominal Value | Unit | Test Method |
| Transmittance (3180 μm) | 77.0 | % | ASTM D1003 |
| Haze (3180 μm) | 6.0 | % | ASTM D1003 |
| Additional Information | | | |

Equilibrium Torque, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57 g Charge; 60/43 rpm: 1400 m-gStability Time, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57 g Charge; 60/43 rpm: 30 min

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