

Axial PVC CL-6380J

Rigid Polyvinyl Chloride

Axial Corporation

Message:

Georgia Gulf CL-6380J is a clear fittings compound. Georgia Gulf 6380J is ideally suited for use where visual monitoring of the process is needed. Georgia Gulf 6380J is listed with NSF under Standard 14, and meets Standard 61 Health effect requirements.

| General Information | | | |
|---|-------------------|-------------------|-----------------|
| Uses | Fittings | | |
| Agency Ratings | NSF 14 | | |
| | NSF 61 | | |
| UL File Number | E53006 | | |
| Appearance | Clear/Transparent | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.35 to 1.39 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | 0.20 to 0.40 | % | ASTM D955 |
| PVC Cell Classification | 11443 | | ASTM D1784 |
| Flow Ratio ¹ (199 to 204°C) | 150 | | Internal Method |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 105 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2760 | MPa | ASTM D638 |
| Tensile Strength (Yield) | 49.6 | MPa | ASTM D638 |
| Flexural Modulus | 2960 | MPa | ASTM D790 |
| Flexural Strength | 89.6 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | | | ASTM D256 |
| -20°C, 3.18 mm | 37 | J/m | |
| 23°C, 3.18 mm | 53 | J/m | |
| Gardner Impact (23°C, 12.7 mm) | 36.2 | J | |
| Drop Impact Resistance ² (23°C, 12.7 mm) | 111 | J/cm | |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, Unannealed | 71.7 | °C | |
| 1.8 MPa, Unannealed | 70.0 | °C | |
| Melting Temperature | 199 to 204 | °C | |
| Flammability | Nominal Value | | Test Method |
| Flame Rating | V-0 | | UL 94 |

NOTE

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|----|-------------------------|
| 1. | Distance/Wall Thickness |
| 2. | R Tup |

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