

# Axiall PVC 3605

Rigid Polyvinyl Chloride

Axiall Corporation

### Message:

Georgia Gulf 3605 is a special purpose compound formulated for the extrusion of thin wall profiles such as edge banding and furniture trim. It is available in natural and precolored white.

| General Information                                     |                   |                   |             |
|---|-------------------|-------------------|-------------|
| Uses  | Furniture         |                   |             |
|   | Profiles          |                   |             |
|   | Thin-walled Parts |                   |             |
| Appearance  | Natural Color     |                   |             |
|   | White             |                   |             |
| Forms   | Pellets           |                   |             |
| Processing Method                                       | Extrusion         |                   |             |
| Physical  | Nominal Value     | Unit              | Test Method |
| Specific Gravity  | 1.39              | g/cm <sup>3</sup> | ASTM D792   |
| Hardness  | Nominal Value     | Unit              | Test Method |
| Rockwell Hardness (R-Scale)                             | 112               |                   | ASTM D785   |
| Durometer Hardness (Shore D)                            | 77                |                   | ASTM D2240  |
| Mechanical  | Nominal Value     | Unit              | Test Method |
| Tensile Modulus   | 3320              | MPa               | ASTM D638   |
| Tensile Strength (Yield)                                | 45.0              | MPa               | ASTM D638   |
| Flexural Modulus  | 2590              | MPa               | ASTM D790   |
| Flexural Strength                                       | 78.4              | MPa               | ASTM D790   |
| Impact  | Nominal Value     | Unit              | Test Method |
| Notched Izod Impact                                     |                   |                   | ASTM D256   |
| 23°C, 3.18 mm   | 190               | J/m               |             |
| 23°C, 6.35 mm   | 270               | J/m               |             |
| Tensile Impact Strength                                 | 118               | kJ/m <sup>2</sup> | ASTM D1822  |
| Thermal   | Nominal Value     | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 66.0              | °C                | ASTM D648   |

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