

# Axial PVC 50898

Flexible Polyvinyl Chloride

Axial Corporation

## Message:

Migration resistant, flexible PVC compound recommended for injection molding and extrusion applications.

| General Information          |                     |                   |             |
|------------------------------|---------------------|-------------------|-------------|
| Features                     | Low to No Migration |                   |             |
| Processing Method            | Extrusion           |                   |             |
|                              | Injection Molding   |                   |             |
| Physical                     | Nominal Value       | Unit              | Test Method |
| Specific Gravity             | 1.35                | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                     | Nominal Value       | Unit              | Test Method |
| Durometer Hardness (Shore A) | 73                  |                   | ASTM D2240  |
| Mechanical                   | Nominal Value       | Unit              | Test Method |
| Tensile Strength             |                     |                   | ASTM D638   |
| --                           | 15.2                | MPa               |             |
| 100% Strain                  | 6.21                | MPa               |             |
| Tensile Elongation (Break)   | 350                 | %                 | ASTM D638   |
| Thermal                      | Nominal Value       | Unit              | Test Method |
| Brittleness Temperature      | -27.0               | °C                | ASTM D746   |
| Injection                    | Nominal Value       | Unit              |             |
| Processing (Melt) Temp       | 166                 | °C                |             |
| Extrusion                    | Nominal Value       | Unit              |             |
| Melt Temperature             | 166                 | °C                |             |

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