

TYPICAL APPLICATIONS:

Smooth Tubing Extrusion

Product Description:

105°C general purpose profile extrusion compound. Used in tubing applications requiring high heat resistance. Properties below are typical for this grade of PVC.

Delfingen Product: PVC87 105°C

Color available: Black (M0718)

Features and Options:

- High Temperature
- Good Flexibility
- Good Fluid resistance
- Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.

| Physical Properties | Values | Unit | Test Methods |
|----------------------------|---------------|-------------------|---------------------|
| Specific Gravity | 1.33 | g/cm ³ | ASTM D792 |
| Hardness | 87 | ShA | ASTM D2240 |
| Tensile Strength, at break | 18 | MPa | ASTM D638 |
| Brittleness Temperature | -27 | °C | ASTM D746 |
| Elongation | 350 | % | ASTM D638 |
| Flammability | < 100 | mm/min | FMVSS 302 |

This raw material is used in applications requiring:

- UL224 105°C VW-1 rating
- CSA 105C VW-1
- ASTM D922 Grade C
- MIL-I-631 type F, form U, Grade C
- DELPHI M4057 type2

This raw material complies with Ford Engineering Material Specification WSS-M99P9999-A1 and General Motors GMW 3059.

IMDS report available on demand.

*This material must be compliant with **ELV directive 2000/53/EC and its Annexes**. A maximum concentration value up to 0.1% by weight and per homogeneous material for lead, hexavalent chromium and mercury and up to 0.01% by weight per homogeneous material for cadmium shall be tolerated provided these substances are not intentionally introduced. No intentionally introduced amount is tolerated.*

The data listed here falls within normal range of properties, but they should not be used for setting specific limits or used as a basis for design. The applications and conditions for use of this product including technical assistance and information are beyond our control. Users of this product are

responsible for evaluating this product to ensure their own satisfaction that it is suitable for their intended uses. All information is given without warranty or guarantee. Before working with this product, users must read and familiarize themselves with the available health, safety and environmental information that is available regarding product hazards, proper use and handling.