

# POLYform C M90 LE

Acetal (POM) Copolymer

Polykemi AB

Message:

Low emission

| General Information                                            |               |                   |             |
|----------------------------------------------------------------|---------------|-------------------|-------------|
| Features                                                       | Low Emissions |                   |             |
| Physical                                                       | Nominal Value | Unit              | Test Method |
| Density                                                        | 1.41          | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)                      | 10            | g/10 min          | ISO 1133    |
| Molding Shrinkage                                              |               |                   | ISO 294-4   |
| Across Flow                                                    | 1.8 to 2.0    | %                 |             |
| Flow                                                           | 1.8 to 2.0    | %                 |             |
| Mechanical                                                     | Nominal Value | Unit              | Test Method |
| Tensile Stress                                                 | 65.0          | MPa               | ISO 527-2   |
| Tensile Strain (Yield)                                         | 9.0           | %                 | ISO 527-2   |
| Flexural Modulus (23°C)                                        | 2600          | MPa               | ISO 178     |
| Flexural Stress                                                | 95.0          | MPa               | ISO 178     |
| Impact                                                         | Nominal Value | Unit              | Test Method |
| Charpy Notched Impact Strength (23°C)                          | 10            | kJ/m <sup>2</sup> | ISO 179     |
| Thermal                                                        | Nominal Value | Unit              | Test Method |
| Heat Deflection Temperature <sup>1</sup> (1.8 MPa, Unannealed) | 104           | °C                | ISO 75-2/A  |
| Vicat Softening Temperature                                    | 151           | °C                | ISO 306/B50 |
| NOTE                                                           |               |                   |             |
| 1.                                                             | 120°C/hr      |                   |             |

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