

# Fluoroplex 1500 - GMF

Polytetrafluoroethylene

UNIFLON

## Message:

Fluoroplex 1500-GMF is a polytetrafluoroethylene (PTFE) product. It can be processed by sintering or injection molding and is available in North America or Latin America.

| General Information |                      |
|---------------------|----------------------|
| Additive            | Unspecified additive |
| Features            | Good liquidity       |
| Processing Method   | Sintering            |
|                     | Injection molding    |

| Physical                        | Nominal Value | Unit              | Test Method     |
|---------------------------------|---------------|-------------------|-----------------|
| Specific Gravity                | 2.11 - 2.15   | g/cm <sup>3</sup> | Internal method |
| Apparent Density                | 0.61 - 0.71   | g/cm <sup>3</sup> | Internal method |
| Particle size distribution-d50  | 600.0 - 710.0 | μm                | Internal method |
| Contractility-Sintering         | 1.0 - 2.0     | %                 | Internal method |
| Sintering Temperature - Maximum | 365           | °C                |                 |
| Flow time-50 grams              | 2.2 - 2.7     | sec               | Internal method |
| Hardness                        | Nominal Value | Unit              | Test Method     |
| Durometer Hardness (Shore D)    | 63 - 68       |                   | Internal method |
| Elastomers                      | Nominal Value | Unit              | Test Method     |
| Tensile Strength                | 21.0          | MPa               | Internal method |
| Tensile Elongation (Break)      | 140           | %                 | Internal method |
| Additional Information          | Nominal Value | Unit              | Test Method     |
| Code: 010033802                 |               |                   |                 |
| Injection                       | Nominal Value | Unit              |                 |
| Mold Temperature                | 21.0 - 25.0   | °C                |                 |
| Injection Pressure              | 44.1 - 53.9   | MPa               |                 |

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## Recommended distributors for this material

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