

# Fluoroplex COMP 25 RJ - GMP

Polytetrafluoroethylene

UNIFLON

## Message:

Fluoroplex COMP 25 RJ-GMP 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                | 2.23 - 2.27   | g/cm <sup>3</sup> | Internal method |
| Apparent Density                | 0.62 - 0.68   | g/cm <sup>3</sup> | Internal method |
| Contractility-Sintering         | 0.60 - 1.5    | %                 | Internal method |
| Sintering Temperature - Maximum | 365           | °C                |                 |
| Flow time-50 grams              | 3.0 - 4.5     | sec               | Internal method |

| Hardness                     | Nominal Value | Unit | Test Method     |
|------------------------------|---------------|------|-----------------|
| Durometer Hardness (Shore D) | 61 - 68       |      | Internal method |

| Elastomers                 | Nominal Value | Unit | Test Method     |
|----------------------------|---------------|------|-----------------|
| Tensile Strength           | 13.0          | MPa  | Internal method |
| Tensile Elongation (Break) | 130           | %    | Internal method |

| Additional Information | Nominal Value | Unit | Test Method |
|------------------------|---------------|------|-------------|
| Code: 010009502        |               |      |             |

| Injection          | Nominal Value | Unit |
|--------------------|---------------|------|
| Mold Temperature   | 21.0 - 25.0   | °C   |
| Injection Pressure | 53.9 - 63.7   | MPa  |

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## Recommended distributors for this material

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