

# Flontech® FT-GL3-3

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

3% glass fiber + 97% virgin PTFE

| General Information                               |                                   |                   |                 |
|---|-----------------------------------|-------------------|-----------------|
| Filler / Reinforcement                            | Glass Fiber,3.0% Filler by Weight |                   |                 |
| Features  | Medium Flow                       |                   |                 |
| Physical  | Nominal Value                     | Unit              | Test Method     |
| Specific Gravity                                  | 2.17                              | g/cm <sup>3</sup> | ASTM D4894      |
| Apparent Density                                  | 0.75                              | g/cm <sup>3</sup> | ASTM D4894      |
| Average Particle Size                             | 750                               | µm                | Internal Method |
| Shrinkage - Diametric                             | 2.5                               | %                 | Internal Method |
| Hardness  | Nominal Value                     | Unit              | Test Method     |
| Rockwell Hardness                                 | 34                                |                   | ASTM D785       |
| Durometer Hardness (Shore D)                      | 56                                |                   | ASTM D2240      |
| Mechanical  | Nominal Value                     | Unit              | Test Method     |
| Tensile Strength - Across Flow (1.00 mm)          | 31.0                              | MPa               | ASTM D4894      |
| Tensile Elongation - Across Flow (Break, 1.00 mm) | 320                               | %                 | ASTM D4894      |

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## Recommended distributors for this material

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