

# Flontech® FT-CARR25-6

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

25% soft carbon + 75% virgin PTFE

| General Information                               |                                   |                   |                 |
|---|-----------------------------------|-------------------|-----------------|
| Filler / Reinforcement                            | Carbon Fiber,25% Filler by Weight |                   |                 |
| Features  | High Flow                         |                   |                 |
| Physical  | Nominal Value                     | Unit              | Test Method     |
| Specific Gravity                                  | 2.09                              | g/cm <sup>3</sup> | ASTM D4894      |
| Apparent Density                                  | 0.70                              | g/cm <sup>3</sup> | ASTM D4894      |
| Average Particle Size                             | 780                               | µm                | Internal Method |
| Shrinkage - Diametric                             | 2.6                               | %                 | Internal Method |
| Hardness  | Nominal Value                     | Unit              | Test Method     |
| Rockwell Hardness                                 | 40                                |                   | ASTM D785       |
| Durometer Hardness (Shore D)                      | 62                                |                   | ASTM D2240      |
| Mechanical  | Nominal Value                     | Unit              | Test Method     |
| Tensile Strength - Across Flow (1.00 mm)          | 17.0                              | MPa               | ASTM D4894      |
| Tensile Elongation - Across Flow (Break, 1.00 mm) | 150                               | %                 | ASTM D4894      |

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## Recommended distributors for this material

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