

# Flontech® FT-PI20-6

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

20% polyimide + 80% virgin PTFE

| General Information                               |                                |                   |                 |
|---|--------------------------------|-------------------|-----------------|
| Filler / Reinforcement                            | Polyimide,20% Filler by Weight |                   |                 |
| Physical  | Nominal Value                  | Unit              | Test Method     |
| Specific Gravity                                  | 1.90                           | g/cm <sup>3</sup> | ASTM D4894      |
| Apparent Density                                  | 0.70                           | g/cm <sup>3</sup> | ASTM D4894      |
| Average Particle Size                             | 750                            | µm                | Internal Method |
| Shrinkage - Diametric                             | 3.3                            | %                 | Internal Method |
| Hardness  | Nominal Value                  | Unit              | Test Method     |
| Rockwell Hardness                                 | 34                             |                   | ASTM D785       |
| Durometer Hardness (Shore D)                      | 60                             |                   | ASTM D2240      |
| Mechanical  | Nominal Value                  | Unit              | Test Method     |
| Tensile Strength - Across Flow (1.00 mm)          | 15.0                           | MPa               | ASTM D4894      |
| Tensile Elongation - Across Flow (Break, 1.00 mm) | 190                            | %                 | ASTM D4894      |

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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