

Flontech® FT-1-1

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

100% virgin PTFE

| General Information | | | |
|---------------------------------------------------|---------------------|-------------------|-----------------|
| Forms | Granules | | |
| Processing Method | Compression Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 2.17 | g/cm ³ | ASTM D4894 |
| Apparent Density | 0.40 | g/cm ³ | ASTM D4894 |
| Average Particle Size | 20 | µm | Internal Method |
| Shrinkage - Diametric | 3.0 | % | Internal Method |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness | 30 | | ASTM D785 |
| Durometer Hardness (Shore D) | 55 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength - Across Flow (1.00 mm) | 35.0 | MPa | ASTM D4894 |
| Tensile Elongation - Across Flow (Break, 1.00 mm) | 350 | % | ASTM D4894 |

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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

