

Flontech® FT-EK5-CF5-6

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

5% aromatic polyester + 5% carbon fiber + 90% virgin PTFE

| General Information | | | |
|---|---------------------------------------|-------------------|-----------------|
| Filler / Reinforcement | Carbon Fiber,5.0% Filler by Weight | | |
| | Polyester Fiber,5.0% Filler by Weight | | |
| Features | Aromatic | | |
| | High Flow | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 2.06 | g/cm ³ | ASTM D4894 |
| Apparent Density | 0.70 | g/cm ³ | ASTM D4894 |
| Average Particle Size | 650 | µm | Internal Method |
| Shrinkage - Diametric | 2.5 | % | Internal Method |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness | 37 | | ASTM D785 |
| Durometer Hardness (Shore D) | 57 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength - Across Flow (1.00 mm) | 24.0 | MPa | ASTM D4894 |
| Tensile Elongation - Across Flow (Break, 1.00 mm) | 270 | % | ASTM D4894 |

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