

Flontech® FT-CAR23-GR2-6

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

23% hard carbon +2% graphite + 75% virgin PTFE

| General Information | | | |
|---|--------------------------------------|-------------------|-----------------|
| Filler / Reinforcement | Carbon Fiber,23% Filler by Weight | | |
| | Graphite Fiber,2.0% Filler by Weight | | |
| Features | 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 | 800 | µm | Internal Method |
| Shrinkage - Diametric | 1.6 | % | Internal Method |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness | 36 | | ASTM D785 |
| Durometer Hardness (Shore D) | 61 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength - Across Flow (1.00 mm) | 16.0 | MPa | ASTM D4894 |
| Tensile Elongation - Across Flow (Break, 1.00 mm) | 60 | % | ASTM D4894 |

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