

Flontech® FT-CAR23-GR2-1

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 | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 2.06 | g/cm ³ | ASTM D4894 |
| Apparent Density | 0.40 | g/cm ³ | ASTM D4894 |
| Shrinkage - Diametric | 1.8 | % | 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) | 19.0 | MPa | ASTM D4894 |
| Tensile Elongation - Across Flow (Break, 1.00 mm) | 150 | % | ASTM D4894 |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

