

Integra™ POK63 GF30

Polyketone

PolySource, LLC

Message:

POK, MEDIUM VISCOSITY, 30%GF

| General Information | | | |
|---|---|-------------------|-------------|
| Filler / Reinforcement | Glass fiber reinforced material, 30% filler by weight | | |
| Features | Medium viscosity | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.46 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) | 10 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 110 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 130 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 3.0 | % | ASTM D638 |
| Flexural Modulus | 7200 | MPa | ASTM D790 |
| Flexural Strength | 190 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 140 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 215 | °C | ASTM D648 |

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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



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