

Petlon Prime B1-G30-00-BK

Polyamide 66

Petlon Polymers Ltd

Message:

Prime Nylon 66, 30% Glass Fibre Reinforced, Black Compound.

| General Information | | | |
|----------------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Fiber,30% Filler by Weight | | |
| Appearance | Black | | |
| Forms | Granules | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.37 | g/cm ³ | ISO 1183 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Break) | 180 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 3.5 | % | ISO 527-2 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | 12 | kJ/m ² | ISO 179/1eA |
| Charpy Unnotched Impact Strength | 80 | kJ/m ² | ISO 179/1eU |
| Flammability | Nominal Value | Test Method | |
| Flame Rating | HB | UL 94 | |
| Injection | Nominal Value | Unit | |
| Drying Temperature | 80.0 | °C | |
| Drying Time | 2.0 to 4.0 | hr | |
| Processing (Melt) Temp | 260 to 285 | °C | |
| Mold Temperature | 70.0 to 120 | °C | |

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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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