

NHU-PPS 1230C/F

Polyphenylene Sulfide
Zhejiang NHU Comp. Ltd.

Message:

NHU-PPS Polymer owns outstanding properties such as chemical resistance, high temperature resistance, flame resistance, non conducting, radiation resistance and good mechanical properties. It is used to produce high-tech and high performance fiber and monofilament.

Applications

Fiber and monofilament made from NHU-PPS Polymer can be used to make filter fabric of coal fired boiler, fabric of paper-making machine, high performance part of anti-fog material and radiation resistant material.

| General Information | | | |
|--|----------------------------|----------|-------------|
| Features | Anti-gamma radiation | | |
| | Good chemical resistance | | |
| | Heat resistance, high | | |
| | Flame retardancy | | |
| Uses | monofilament | | |
| | Fiber | | |
| Processing Method | Fiber (spinning) extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (316°C/5.0 kg) | 120 - 200 | g/10 min | ISO 1133 |
| Ash Content (750°C) | 0.2 | wt% | ISO 3451 |
| Weight Loss on Heating ¹ | 0.10 | % | |
| Volatiles ² | 0.35 | % | |
| NOTE | | | |
| 1. | 150°C, 1 hour | | |
| 2. | 300°C, 1 hour | | |

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