



# Shanghai PRET Chemical New Materials Co., Ltd.

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## KG300-130

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邮编：201512

Postcode: 201512

23 C 50%

These technical data in the product brochures are typical data under specific test conditions and not intended for use as limiting specifications.

Version:2021-6-30

## Molding Condition

To avoid the blistering problem, the following molding parameters is recommended.

|  |   |                      |
|--|---|----------------------|
| <b>材料干燥温度/时间</b>                                     | <b>150 °C/4h</b>                          | <b>140 °C/6h</b>     |
| <b>Dry Temperature/Time</b>                          | <b>150 °C/above 4h or 140 °C/above 6h</b> |                      |
| <b>模温</b>  | <b>80 °C</b>                              |                      |
| <b>Mold Temperature</b>                              | <b>80 °C or Normal Temperature</b>        |                      |
| <b>料管温度</b><br><b>Cylinder</b><br><b>Temperature</b> | <b>喷嘴温度</b><br><b>Nozzle Temp.</b>        | <b>340 °C 350 °C</b> |
|  | <b>前部温度</b><br><b>Front Temp.</b>         | <b>345 °C 355 °C</b> |
|  | <b>中部温度</b><br><b>Middle Temp.</b>        | <b>325 °C 330 °C</b> |
|  | <b>后部温度</b><br><b>Rear Temp.</b>          | <b>315 °C 325 °C</b> |

## Package

25KG

25KG net paper bag lined with aluminum foil.

## Storage

To avoid the wet and direct sun-light storage environment.

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## Component - Plastics

File Number: E467477

Shanghai Pret Chemical New Materials Co Ltd  
230 Xiasheng Rd Jinshan Industrial Zone II, Shanghai 201512 CN



### KG300-130

Liquid Crystal Polymer (LCP), pellets

| Flammability                     | Value  | Test Method          |
|----------------------------------|--------|----------------------|
| Flame Rating                     |        | UL 94                |
| 0.200 mm, BK, NC                 | V-0    | IEC 60695-11-10, -20 |
| 3.2 mm, BK, NC                   | V-0    |                      |
| Electrical                       | Value  | Test Method          |
| Hot-wire Ignition (HWI)          |        | UL 746               |
| 0.200 mm                         | PLC 4  |                      |
| 3.2 mm                           | PLC 1  |                      |
| High Amp Arc Ignition (HAI)      |        | UL 746               |
| 0.200 mm                         | PLC 0  |                      |
| 3.2 mm                           | PLC 0  |                      |
| Comparative Tracking Index (CTI) | PLC 4  | UL 746               |
| Thermal                          | Value  | Test Method          |
| RTI Elec                         |        | UL 746               |
| 0.200 mm                         | 130 °C |                      |
| 3.2 mm                           | 130 °C |                      |
| RTI Imp                          |        | UL 746               |
| 0.200 mm                         | 130 °C |                      |
| 3.2 mm                           | 130 °C |                      |
| RTI Str                          |        | UL 746               |
| 0.200 mm                         | 130 °C |                      |
| 3.2 mm                           | 130 °C |                      |

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