

# Wondel® P PG4

Polypropylene

Nanjing Julong Engineering Plastics Co., LTD

## Message:

Wondel® P PG4 is a Polypropylene material filled with 20% glass fiber. It is available in Asia Pacific. Primary attribute of Wondel® P PG4: Flame Rated.

| General Information                                |                                  |                   |             |
|----------------------------------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement                             | Glass Fiber,20% Filler by Weight |                   |             |
| Forms                                              | Pellets                          |                   |             |
| Physical                                           | Nominal Value                    | Unit              | Test Method |
| Density                                            | 1.05                             | g/cm <sup>3</sup> | ISO 1183    |
| Molding Shrinkage                                  | 0.60 to 0.90                     | %                 | ISO 294-4   |
| Hardness                                           | Nominal Value                    | Unit              | Test Method |
| Rockwell Hardness (R-Scale)                        | 102                              |                   | ISO 2039-2  |
| Mechanical                                         | Nominal Value                    | Unit              | Test Method |
| Tensile Stress (Yield)                             | 70.0                             | MPa               | ISO 527-2   |
| Tensile Strain (Break)                             | 5.0                              | %                 | ISO 527-2   |
| Flexural Stress                                    | 95.0                             | MPa               | ISO 178     |
| Impact                                             | Nominal Value                    | Unit              | Test Method |
| Notched Izod Impact Strength                       | 10                               | kJ/m <sup>2</sup> | ISO 180     |
| Thermal                                            | Nominal Value                    | Unit              | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 140                              | °C                | ISO 75-2/B  |
| Melting Temperature (DSC)                          | 167                              | °C                | ISO 3146    |
| Electrical                                         | Nominal Value                    | Unit              | Test Method |
| Surface Resistivity                                | > 1.0E+15                        | ohms              | IEC 60093   |
| Flammability                                       | Nominal Value                    | Unit              | Test Method |
| Flame Rating                                       | HB                               |                   | UL 94       |

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## Recommended distributors for this material

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