

## Technical Data Sheet : CertyForm P1309 (PL HF570R) Polypropylene, Homopolymer

### Product Description

The polymer grade is a powder form homopolymer for extrusion/injection moulding and compounding applications. It offers a good stiffness/impact balance and has a fine and very regular particle size distribution. Designed for production of compounds and masterbatches.

All potential activities for applications in the pharmaceutical, medical device, laboratory and diagnostics area have to be discussed with the relevant Technical and Business contacts first.

Information regarding regulatory status, including supported, prohibited, or restricted applications, is provided in the **Product Regulatory Summary** and the **Safety Data Sheet (SDS)**.

### General

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| Applications         | Compounding; Healthcare Applications                                                                |
| Market               | Healthcare                                                                                          |
| Processing Method    | Compounding                                                                                         |
| Attribute            | Autoclavable; Ethylene Oxide Sterilisation; Homopolymer; Low Warpage; Medium Flow; Medium Stiffness |
| Internal ref. number | 1Q267, BEN44963                                                                                     |
| Revision             | April 2026                                                                                          |

### Properties.

| Typical Properties                 | Nominal Value* | Units             | Test Method |
|------------------------------------|----------------|-------------------|-------------|
| <b>Physical</b>                    |                |                   |             |
| Melt Flow Rate, (230 °C/2.16 kg)   | 22             | g/10 min          | ISO 1133-1  |
| Density                            | 0.9            | g/cm <sup>3</sup> | ISO 1183-1  |
| <b>Mechanical</b>                  |                |                   |             |
| Flexural Modulus                   | 1400           | MPa               | ISO 178     |
| <b>Thermal</b>                     |                |                   |             |
| Vicat Softening Temperature, (A50) | 154            | °C                | ISO 306     |

\*)These are typical property values not to be construed as specification limits.

### Processing Techniques

Users should determine the conditions necessary to obtain optimum product properties and suitability of the product for the intended application.



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### **Company Information**

For further information regarding the Velogy, please visit <http://www.velogy.com>

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