



## Systalen PP-C28002 bI002

### Product information (preliminary)

| General Data | Form:             | pellets                                     |
|--------------|-------------------|---|
|              | Colour:           | light blue #3                               |
|              | Filtration:       | 150 µm                                      |
|              | Source:           | post-consumer packaging (content > 88 %)    |
|              | Special features: | very high flowability, special additivation |
|              | Status:           | development                                 |

| Physical Properties | Data                  | Unit | Test standard     |               |
|---------------------|-----------------------|------|-------------------|---------------|
|                     | Ash content (625 °C): | 9,0  | %                 | EN ISO 3451-1 |
|                     | MFR (230 °C/2,16 kg): | 55   | g/10 min          | EN ISO 1133   |
|                     | Density:              | 0,96 | g/cm <sup>3</sup> | EN ISO 1183-1 |

| Mechanical Properties | Data   | Unit       | Test standard                          |                |
|-----------------------|--|------------|--|----------------|
|                       | Tensile strength:                                  | 25         | MPa                                    | EN ISO 527-1/2 |
|                       | Tensile modulus:                                   | 1200       | MPa                                    | EN ISO 527-1/2 |
|                       | Charpy unnotched impact strength:<br>-20 °C        | 15         | kJ/m <sup>2</sup>                      | EN ISO 179/1eA |
|                       | Charpy notched impact strength:<br>23 °C<br>-20 °C | 4,5<br>1,5 | kJ/m <sup>2</sup><br>kJ/m <sup>2</sup> | EN ISO 179/1eA |

| Application | Injection moulding |
|-------------|--------------------|
|-------------|--------------------|

The data in this product information are the results of single lab tests and are not statistically firm. This datasheet becomes obsolete as soon as the product has been commercialised.

The data in this product information are typical properties conforming to our current state of technical know-how and experience and are not to be construed as specification limits. Because of the variety of possible influences during processing and use of our products, they do not exempt the user from his duty to conduct own checks and tests regarding the suitability of the products. The legally binding confirmation of certain properties or of the qualification for a certain purpose cannot be derived. The item is suitable for non-food-products, with the exception for children's toys, medicinal products and cosmetics as defined by the Foods, Consumer Goods and Feedstuffs Code (LFGB). Possible trademark rights as well as existing laws and regulations are to be followed by the user at his own responsibility. We reserve the right to perform modifications.

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