

## Systalen PP-C15902 na001

PP PRIMUS

### Product information

#### General Data

|                   |  |
|-------------------|--|
| Form:             | pellets                                  |
| Colour:           | natural                                  |
| Filtration:       | 100 µm                                   |
| Source:           | post-consumer packaging (content > 99 %) |
| Special features: | low odour, enhanced flowability          |
| Status:           | commercial                               |

#### Physical Properties

|                       | Data  | Unit              | Test standard |
|-----------------------|-------|-------------------|---------------|
| Ash content (625 °C): | ≤ 0,5 | %                 | EN ISO 3451-1 |
| MFR (230 °C/2,16 kg): | 18    | g/10 min          | EN ISO 1133   |
| Density:              | 0,90  | g/cm <sup>3</sup> | EN ISO 1133   |

#### Mechanical Properties

|   | Data | Unit              | Test standard  |
|---|------|-------------------|----------------|
| Tensile strength:                           | 28   | MPa               | EN ISO 527-1/2 |
| Tensile modulus:                            | 1200 | MPa               | EN ISO 527-1/2 |
| Charpy unnotched impact strength:<br>-20 °C | 30   | kJ/m <sup>2</sup> | EN ISO 179/1eU |
| Charpy notched impact strength:<br>23 °C    | 5,5  | kJ/m <sup>2</sup> | EN ISO 179/1eA |
| -20 °C                                      | 1,5  | kJ/m <sup>2</sup> |                |

#### Application

Injection moulding

The material is certified according to EuCertPlast and quality assured according to RAL-GZ 720.

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.

Systalen – a product of Systec Plastics GmbH



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