

# Recycl-IN rPP1002

## Recycl-IN

### DATA SHEET

#### Product Technical Information

Polypropylene-homopolymer containing 70 % of post-consumer recycled material, natural colour

Recycl-IN rPP1002 is a general purpose polypropylene homopolymer having a MFR of 2.5 g/10 min, intended for extrusion applications

#### Applications

- / Sheet extrusion
- / Small blow-moulding

This grade is not suitable for food packaging or pharma/medical applications.

#### Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.

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| Properties                    | Conditions   | Test Methods  | Values | Units   |
|-------------------------------|--------------|---------------|--------|---------|
| <b>Physical</b>               |              |               |        |         |
| Melt Flow Rate                | 230°C/2.16Kg | ISO 1133-1    | 2.5    | g/10min |
| <b>Mechanical</b>             |              |               |        |         |
| Flexural Modulus              | 23°C         | ISO 178       | 1500   | MPa     |
| Izod Impact Strength, notched | 23°C         | ISO 180/A     | 4.3    | kJ/m2   |
| Tensile Strength at yield     | 23°C         | ISO 527-1, -2 | 35     | MPa     |
| Elongation at yield           | 23°C         | ISO 527-1, -2 | 10     | %       |

Data should not be used for specification work

#### REGULATORY INFORMATION

The product and uses described herein may be subject to specific requirements or limitations for use in certain applications like food contact, drinking water or medical devices. Further information may be obtained from the website [www.ineos.com](http://www.ineos.com) where a specific Regulatory Certificate is available for each grade under the heading "SDS & Regulatory Certificate".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

#### HEALTH AND SAFETY INFORMATION

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Safety Data Sheet (SDS) that may be obtained from the website [www.ineos.com](http://www.ineos.com). Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

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