

Recycl-IN rPP4013GY3



Provisional DATA SHEET

Product Technical Information

Polypropylene resin containing 55% weight of Post-Consumer Recyclate (PCR).

Benefits & Features

Recycl-IN rPP4013GY3 is a ready to use impact copolymer polypropylene grade of very light grey color that exhibits a good colorability. The grade contains 55% PCR, and is supplied as a fully homogeneous pellet. rPP4013GY3 is dedicated for injection-molding applications where high stiffness and good impact resistance are required.

- / Good stiffness-impact balance
- / Carbon footprint reduction thanks to the 55% PCR-content

Applications

- / Containers
- / Pails
- / Household goods
- / Crates & boxes

Recycl-IN rPP4013GY3 is not intended for food contact, pharmaceutical or 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 |
|-------------------------------|--------------|--------------|--------|-------------------|
| Physical | | | | |
| Melt Flow Rate | 230°C/2.16Kg | ISO 1133-1 | 13 | g/10min |
| Mechanical | | | | |
| Flexural Modulus | 23°C | ISO 178 | 1500 | MPa |
| Izod Impact Strength, notched | 23°C | ISO 180/A | 8.0 | kJ/m ² |
| Izod Impact Strength, notched | -20°C | ISO 180/A | 3.6 | kJ/m ² |

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 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. Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

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