

# Recycl-IN rPP4050GY3



## Provisional DATA SHEET

### Product Technical Information

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

### Benefits & Features

Recycl-IN rPP4050GY3 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 fully homogeneous pellets. rPP4050GY3 is suited for fast cycling, thin walled injection molded applications.

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

### Applications

- / Rigid packaging
- / Housewares
- / Appliances

Recycl-IN rPP4050GY3 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.

## Recycl-IN rPP4050GY3



Properties	Conditions	Test Methods	Values	Units
<b>Physical</b>				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	50	g/10min
<b>Mechanical</b>				
Flexural Modulus	23°C	ISO 178	1400	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	7.0	kJ/m <sup>2</sup>
Izod Impact Strength, notched	-20°C	ISO 180/A	3.4	kJ/m <sup>2</sup>

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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