

# Recycl-IN rPP2028

## Recycl-IN

### DATA SHEET

#### Product Technical Information

**Recycl-IN rPP2028** is a natural coloured polypropylene copolymer containing 70% of Post-Consumer Recyclate (PCR). The grade is supplied as a homogeneous compound and can be used as a drop-in for virgin resins to produce clear articles via injection moulding.

#### Benefits & Features

- / Reduced carbon footprint due to the 70% PCR-content
- / Fully homogeneous pellets without segregation risk
- / Virgin-like clarity and colourability

#### Applications

- / Flip-top caps
- / Closures
- / Transparent thin wall injection-moulded articles

This grade is not suitable for food packaging or pharmaceutical and 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	32	g/10min
<b>Mechanical</b>				
Flexural Modulus	23°C	ISO 178	1150	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	4.0	kJ/m <sup>2</sup>
Izod Impact Strength, notched	0°C	ISO 180/A	2.5	kJ/m <sup>2</sup>
Tensile Strength at yield	23°C	ISO 527-1, -2	31	MPa
Elongation at yield	23°C	ISO 527-1, -2	10	%
Haze	Thickness 1 mm	ASTM D1003	7	%

Data should not be used for specification work