INEOS Olefins & Polymers Europe

Recycl-IN rPP1025C

Recycl-IN

DATA SHEET

Recycl-IN rPP1025C is a polypropylene homopolymer intended for injection-moulding applications (thin-walled injection) and fiber extrusion. This grade contains 70 % of recycled material, and is of natural colour.

Recycl-IN rPP1025C is developed to improve the sustainability of cosmetic packaging.

The recycled material contained in **Recycl-IN rPP1025C** is covered by an FDA NOL. It is certified as Post-Consumer Recyclate (PCR) by RecyClass and complies with the ISO 14021 definition.

Benefits & Features

/ Reduced carbon footprint
/ Good rigidity/impact compromise
/ Good fluidity/processability
/ Virgin-like colourability

Applications

/ Consumer product
/ Caps & closure
/ Household goods
/ Spundbond Nonwovens
/ Staple fibres

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.

Disclaimer

Although **Recycl-IN™** compounds offer Polypropylene virgin-like characteristics, they contain high levels of mechanically recycled post-consumer waste and, therefore, are not free from any gel, black spot, or other impurities. INEOS O&P Europe is taking all possible measures to avoid or minimise the presence of these defects but cannot guarantee their total absence

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Properties	Conditions	Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	25	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1400	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	3	kJ/m2
Tensile Strength at yield	23°C	ISO 527-1, -2	35	MPa
Elongation at yield	23°C	ISO 527-1, -2	9	%
Haze	Thickness 1 mm	ASTM D1003	55	%
Thermal				
Melting Temperature	DSC 2nd heating 10°C/min	ISO 11357-3	155	°C

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.

EXCLUSION OF LIABILITY

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