INEOS Olefins & Polymers Europe

Recycl-IN rPP2013

Recycl-IN

DATA SHEET

Product Technical Information

Polypropylene random copolymer containing 70 % of post-consumer recycled material, natural colour.

Recycl-IN rPP2013 is designed for transparent injection moulded houseware and closures needing good impact strength.

Applications

/ Houseware containers
/ Appliances requiring good transparency
/ Lids and pails
/ Closures

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

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	13	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1150	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	4.2	kJ/m2
Izod Impact Strength, notched	0°C	ISO 180/A	2.8	kJ/m2
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	13	%

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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