

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 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	1150	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	4.2	kJ/m ²
Izod Impact Strength, notched	0°C	ISO 180/A	2.8	kJ/m ²
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