

Recycl-IN rLD20L522



PROVISIONAL DATA SHEET

Product Technical Information

Recycl-IN rLD20L522 is a natural hybrid polyethylene containing 35% of post-consumer recyclate designed for extrusion coating.

Benefits & Features

Recycl-IN rLD20L522 is a ready-to-use hybrid polyethylene compound supplied in pellet form. Its main features are:

- / Good process-ability
- / Good balance between Neck In and Draw down ability
- / Good adhesion to many substrates
- / Improved seal strength vs. reference homopolymer with similar MF

Applications

Recycl-IN rLD20L522 is an extrusion coating resin developed for use in non-food applications such as paper reel packaging, detergent packaging, packaging for construction and building industry.

We recommend that you consult your INEOS technical representative for further advice on the use of rLD20L522.

Recycl-IN rLD20L522

The logo for Recycl-IN, featuring a stylized green and blue circular arrow icon followed by the text "Recycl-IN" in a green and blue sans-serif font.

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	190°C/2.16Kg	ISO 1133-1	5	g/10min
Physical				
Density ISO 1872-1	23°C	ISO 1183-2	920	kg/m3
Compositional				
PCR content	-	-	35	%

Recycl-IN rLD20L522



Processing Guidelines

Recycl-IN rLD20L522 can be processed on commercial extrusion coating equipment at temperatures of 320°C.

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 Polyethylene 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.

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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