

INEOS Olefins & Polymers Europe

Recycl-IN rHD5620GY1



DATA SHEET



Product Technical Information

High density polyethylene copolymer resin containing 50% weight of post-consumer recyclate.

Benefits & Features

Recycl-IN rHD5620GY1 is a ready to use high density polyethylene grade of dark grey colour (indicative reference - RAL 5008) containing 50% postconsumer recyclate and supplied in pellet form. The grade is dedicated for injection-moulding applications requiring good environmental stress cracking resistance.

- / Very good processability
- / Good environmental stress cracking resistance

Applications

- / Caps & closures
- / Technical parts
- / Bins
- / Household goods
- / Crates, boxes, household items

rHD5620GY1 is not intended for food contact, pharmaceutical or 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	190°C/2.16Kg	ISO 1133-1	1.8	g/10min
Density ISO 17855-1	23°C	ISO 1183-1	956	kg/m³
Mechanical				
Environmental Stress Cracking Resistance (ESCR) on cap	40°C, 6 bar, 10% Igepal	INEOS Test Method	16	h
Charpy Impact Strength	23°C	ISO 179	4.3	kJ/m²

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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