

# Recycl-IN rHD5620GY1



## DATA SHEET

### Product Technical Information

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

### 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 recycle 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
<b>Physical</b>				
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/m <sup>3</sup>
<b>Mechanical</b>				
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/m <sup>2</sup>

Data should not be used for specification work