

Recycl-IN rHD5620GN1



DATA SHEET

Product Technical Information

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

Benefits & Features

Recycl-IN rHD5620GN1 is a ready to use high density polyethylene grade of dark green colour 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

rHD5620GN1 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/m ³
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/m ²

Data should not be used for specification work