

Product Data Sheet

rEdge-200: Recycled HDPE Resin (Non Food-Grade)



Product Code and Name:	Polymer rHDPE rEdge-200	3215384
Chemical description:	Recycled High Density Polyethylene (rHDPE)	
Origin:	HDPE dairy and beverage bottles and containers (including their closures) sourced in Australia mainly from kerbside collections.	
Form:	Pellet, spheroid shaped.	
Colour:	Natural (translucent white)	
Application:	Not for food contact applications.	
Major End Use:	Extrusion, Blow Moulding, Compounding and Sheet extrusion. This product is not recommended for applications where Environmental Stress Crack Resistance (ESCR) is required.	
Recycling Process:	Erema Refresher for low-odour deodorised pellet.	

Physical Properties

Property	Test Method	Indicative Values	Unit
Melt flow index (@ 2.16kg/190°C)	ASTM D1238	0.30 - 0.70	g/10 min
Density	ASTM D792	0.955 - 0.965	g/cm ³
Bulk Density	Mass/Volume	550-700	kg/m ³
Pellet size	Diameter	3.0-4.9	mm

Please contact your local Circular Plastics Australia PE Pty Ltd sales representative with any queries.

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