



A REVOLUTIONARY PLATFORM
CONNECTING VERIFIED **RECYCLERS** AND **PRODUCERS**
FOR TRUSTED MATERIAL TRADE

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Product Code – CIR001AT2

rHDPE Translucent

Deodorized Low-Density Polyethylene (rLDPE)-PCR grade.

General Information

Condition

Granules/Pellets

License

Non FSSAI

Processing Methods

Blown Film

Source

Post Consumer



Technical Properties

Property	Value	Unit
Melt Flow Rate, (190 °C/2.16 kg)	0.5 ±0.3	g/10min
Density	0.92±0.03	g/cc
Moisture	<0.25	%
Tensile Strength	15±5	MPa
Ash Content	<2	%
Elongation at Break	350±50	%
Environmental Stress Crack Resistance	-	-
Izod impact strength	-	-
Flexural Modulus	On Demand	-
Residual moisture content	On Demand	-
Viscosity (PET)	-	-

Compliance Status

EPR Registration	✓
Annual Report (FY 24-25)	X
GST E-invoice	✓
CTO Validity	Valid
Financial Compliance	Available
ISO Certification	Not Applicable
Other Available Certifications	Not Applicable

PACKAGING INFORMATION: The material is packed and available in raffia bags with net content of 25.00 kg only. The raffia bags conform to the minimum strength requirement of BIS, however customers shall take due care while handling the bags. Prolonged exposure to the sun may deteriorate the bags performance and cause spillage and wastages. Cirqex doesn't warranty loss of material due to poor material handling practices.

STORAGE AND HANDLING: The storage location should be dry, dust free and the storage temperature should not exceed 50°C. Non-compliance with these precautionary measures can lead to degradation of the product causing color change, odor, and inadequate product performance. It is advised to process material within 12 months post-delivery.

Disclaimer: Not Applicable The information provided in this datasheet represents typical characteristics of the recycled material and is intended for general guidance only. Variations in raw material input, recycling methods, and processing conditions may result in differences in the properties and performance of the final product. It is the responsibility of the customer to verify the suitability of the material for their specific application through appropriate testing and evaluation. CIRQ Ventures (OPC) Private Limited makes no warranties, express or implied, including but not limited to warranties of merchantability or fitness for a particular purpose. Under no circumstances shall CIRQ Ventures (OPC) Private Limited be liable for any direct, indirect, incidental, or consequential damages arising from the use or reliance on the information provided. Customers should ensure compliance with all relevant regulatory and quality standards prior to use.