



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

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Product Code – CIR002D1

rPET White

Bottle-grade recycled PET produced from high-quality PET flakes and manufactured using the latest technology from Starlinger.



General Information

Condition

Granules/Pellets

License

Non FSSAI

Processing Methods

Injection, Blown Films, Blow Molding, Extrusion.

Source

Post Consumer

Technical Properties

Property	Value	Unit
Intrinsic Viscosity (IV)	0.76 - 0.84	dl/g
Crystallinity	Min 50	%
Acetaldehyde x(AA)	<1	-
Chips/gms	55-58	Nos
Fines ASTM 16 Mesh	Max 200	Ppm
Melting Point	Min244	°C
Flexural Modulus	-	-
Residual moisture content	-	-
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 product is packed in jumbo bags (940 mm x 940 mm x 1250 mm) with a weight of 1100 kg.

STORAGE AND HANDLING: The product should be stored in its original packaging in a dry, indoor warehouse at normal temperature, away from direct sunlight.

SHELF LIFE: The product does not have an expiry date; however, it is recommended to use it within 2 years. Once opened, it should be used immediately. Processing Conditions: The product must be thoroughly dried before use. It is recommended to dry it with hot air at 160°C - 180°C for 4 - 6 hours.

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.