



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

**CONNECT WITH US**

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Product Code – CIR003CT

# rHDPE Natural



**General Information**

**Condition**

Granules/Pellets

**License**

Non FSSAI

**Processing Methods**

Blow Molding

**Source**

Post Consumer

**Technical Properties**

Property	Value	Unit
Melt Flow Rate, (190 °C/2.16 kg)	0.6-0.7	g/10min
Density	0.95±0.05	g/cc
Moisture	<0.02	%
Tensile Strength	300±50	MPa
Ash Content	0.5+/-2	-
Elongation at Break	-	-
Environmental Stress Crack Resistance	-	-
Izod impact strength	150±30	J/M
Flexural Modulus	0.35+/-0.15	-
Residual moisture content	-	-

**Compliance Status**

EPR Registration	✓
Annual Report (FY 24-25)	✗
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 used conforms 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. Banyan Nation doesn't warranty loss of material due to poor material handling practices.

**STORAGE AND HANDLING:** The material is packed and available in raffia bags with net content 25.00 kg only. The raffia bags use conforms 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. Banyan Nation doesn't warranty loss of material due to poor material handling practices.

**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.