



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

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Product Code – CIR005CLB

## rHDPE Light Blue

Articles made from this material exhibit good stiffness. The resin has good melt strength, Tensile Strength and Impact Resistance. It can be used for making blow molded bottles packaging of personal care products like shampoo, body lotion, etc., toilet cleaners and liquid detergents.



### 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)	0.2 – 0.7	g/10min
Density	0.94 – 0.97	g/cc
Moisture	-	-
Tensile Strength	17 (Min.)	MPa
Ash Content	<3	%
Environmental Stress Crack Resistance	-	-
Izod impact strength	-	-
Flexural Modulus	-	-
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:** rHDPE material is packed in 25 Kg PP woven bags.

**STORAGE AND HANDLING:** The bags should be stored in dry/closed conditions below room temperature of 50°C and protected from UV/direct sunlight.

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.