



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

CONNECT WITH US

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Product Code – CIR0010MPG2

## MIX PLASTIC Green

### General Information

#### Condition

Granules

#### License

Non FSSAI

#### Processing Methods

Injection Molding

#### Source

Post Consumer



Technical Properties		
Property	Value	Unit
Melt Flow Rate 250°C@2.16 Kg	4.66±0.2	gm/10 min
Density @23°C	1.06±0.02	gm/cc
Moisture	<0.250	%
Ash Content (Loss on drying using TGA)	<2	%
Tensile Strength	12.64 ± 0.08	MPa
Elongation at Break	196.5 ± 5	%
Environmental Stress Crack Resistance	-	-
Izod impact strength (Notched)	No break	J/m
Flexural Modulus	-	-
Residual moisture content	-	-
Viscosity	-	-

Compliance Status	
EPR Registration	✓
Annual Report (FY 24-25)	✗
GST E-invoice	✓
CTO Validity	✗
Financial Compliance	✗
ISO Certification	✓
Other Available Certifications	On Request

**Directions for Use:** This material is intended for industrial processing applications only & not recommended for direct food contact unless specifically approved. The material should be stored in a dry, shaded, and well-ventilated area, away from direct sunlight and moisture. Avoid contact with water or humidity, as it may lead to hydrolysis or degradation of polymer properties. It is recommended to pre-dry the granules at 80–100°C for 2–4 hours before processing to remove any absorbed moisture. Keep away from sources of ignition or high heat.

**Disclaimer:** 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.