



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

CONNECT WITH US

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Product Code - CIR0008FGR

rPP Grey

rPP can be used for Injection Molding with higher impact such as Paint Pails, Luggage Shells, Automotive Components etc.



General Information

Condition

Granules

License

Non FSSAI

Processing Methods

Injection Molding

Source

Post Consumer

| Technical Properties | | |
|---------------------------------------|--------------|-----------|
| Property | Value | Unit |
| Melt Flow Rate 5.0kg, 190°C | 10 ± 2 | gm/10 min |
| Density @23°C | 0.915 ± 0.01 | gm/cm3 |
| Moisture | <0.25 | % |
| Tensile Strength | 23 ± 2 | MPa |
| Ash Content | <2.00 | % |
| Elongation at Break | 20 ± 5 | % |
| Environmental Stress Crack Resistance | - | - |
| Izod impact strength | 90 ± 10 | J/m |
| Flexural Modulus | 1100 ± 100 | Mpa |
| 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 |

Product Feature: This grade developed entirely from 100% post-consumer recycled plastic waste and provides multiple brands and producers a sustainable solution to meet their environmental commitments seamlessly.

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.