

Mechanically Recycled Polypropylene for Industrial & Consumer Products: NOVAORBIS™-MR



Use Stationery / Cosmetic Bottle / Daily Necessities etc.

- Background**
- Application of the material recycled PP (MR) has been limited because of less mechanical properties and poor color due to contaminations.
 - We propose advanced materials for various forming processes by the combination of high-quality recycled PP and know-how in material design.

Typical Properties

		For Injection Molding	For Injection Blow	For Sheet
PCR ratio	wt/%	50	30	60
MFR	g/10min	23	7	3.5
Flexural Modulus	MPa	1,330	950	1,200
Charpy@23°C	kJ/m ²	5	6	4
HAZE (t=2mm)	%	63	74	25

*Please contact us about low-MFR grade, and FDA-NOL, etc.

