

Stage

R&D

Introduction consideration

Practical stage

Keyword

Mechanical
Recycling

Use

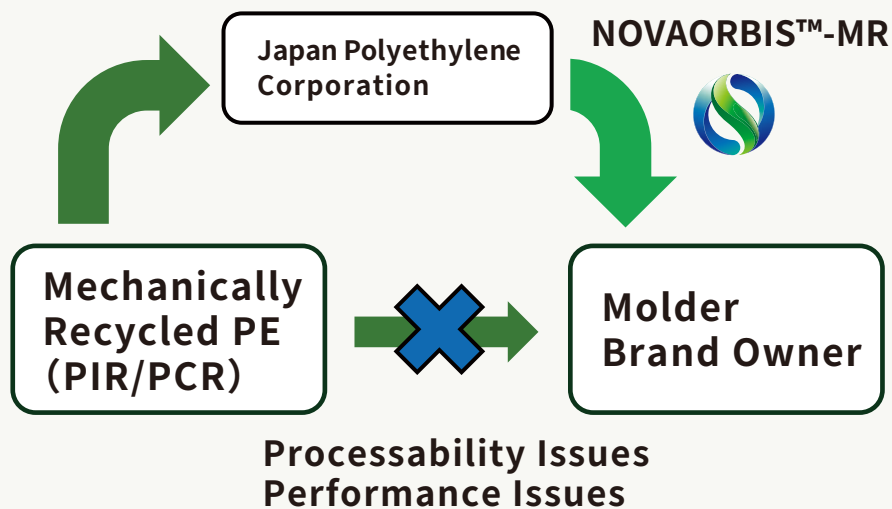
Injection Molding (Household Goods /
Industrial Components etc.)

Challenge

- Insufficient performance of mechanically recycled PE for target products (flowability, stiffness, impact strength, etc.)
- Inconsistent quality of mechanically recycled PE.

Solution

- Provides NOVAORBIS™-MR, a modified material tailored to the performance requirements.



- Providing NOVAORBIS™-MR with consistent quality

e.g., development grade LX700MR1

	Units	LX700MR1
MR-PE Content	wt%	50
MFR	g/10min	12
Density	g/cm ³	0.948

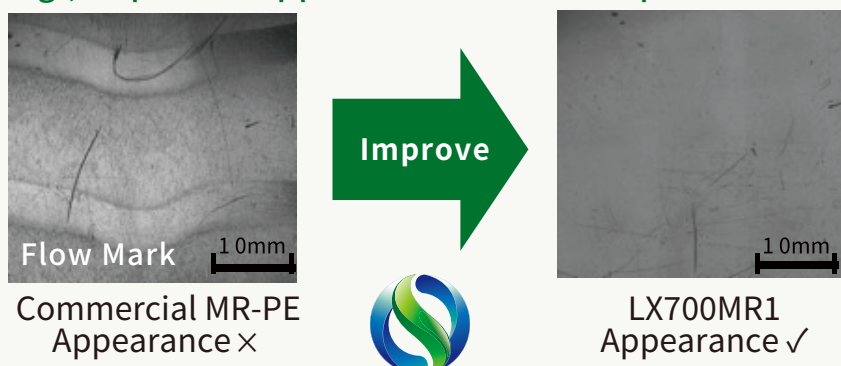
- Specification items and specification ranges are currently under review.
- Click here for the Property Data Sheet →



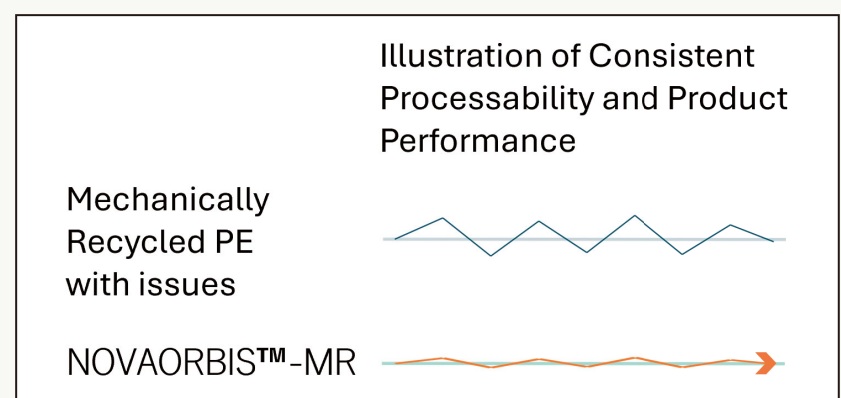
Benefit

- Improved performance of products containing recycled materials

e.g., improved appearance of molded products



- Consistent processability and product performance



Contact |  Japan Polyethylene Corporation

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