

KAYSUN

Is Your Injection Molder Focused on Sustainability?

USE THIS CHECKLIST TO EVALUATE THE SUSTAINABILITY PRACTICES OF YOUR CURRENT OR POTENTIAL INJECTION MOLDING PARTNERS.

1. Energy Efficiency & Carbon Footprint Reduction

- ☐ Uses advanced equipment (e.g., electric presses)
- ☐ Implements facility energy management (renewable energy, LED lighting, climate control optimization)
- ☐ Provides carbon footprint transparency (manages greenhouse gas emissions)

2. Materials Management

- ☐ Offers expanded choices in sustainable resins
- ☐ Utilizes closed-loop recycling systems
- ☐ Has end-of-life product initiatives (e.g., take-back programs)

3. Process Optimization & Waste Reduction

- ☐ Applies Design for Manufacturability (DfM) and scientific molding
- ☐ Uses advanced tooling (e.g., hot runner systems, cavity pressure sensors, mold fill analysis)
- ☐ Implements lean manufacturing and automation

4. Integrated Technologies

- ☐ Utilizes Internet of Things (IoT) for real-time monitoring and analytics
- ☐ Incorporates Artificial Intelligence (AI) in operations
- ☐ Demonstrates regulatory compliance through technology

5. Corporate Commitment to Sustainability

- ☐ Sets and reports on sustainability goals regularly
- ☐ Engages employees in eco-friendly practices
- ☐ Participates in industry sustainability initiatives