

Development of Heat-resistant Protector Using Recycled Polypropylene Resin

Under
development
Scheduled to be
installed in 2025

Develops parts using “Recycled polypropylene resin”
made from washing machine tubs collected from the market

Background or assignment

- Development of parts using recycled materials for carbon neutrality
- Utilizes materials of protectors which prevent wire harnesses coming apart due to friction caused by vehicle vibration during ASSY

Solutions to Challenges

- 1 Uses recycled washing machine tubs collected from the market. Supports for carbon neutrality because of about 20% less CO₂ than conventional polypropylene
- 2 Receiving inspection of raw materials at material manufacturers to check material property and substances of concern
- 3 Easy traceability with management numbers of raw materials

Main performance, specifications and structure

