

Development of Protector Parts Made of Recycled Polypropylene Resin Materials

In-developing

Develop parts using "recycled polypropylene resin" used in tanks of washing machines collected from the market.

Development of parts using recycled materials for carbon neutrality.

Utilize materials of protectors which prevent to come off wire harnesses from frictions caused by vehicle vibration during ASSY.



Feature

1

Recycled parts used in washing machines collected from the market. Support 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

Performance/Specification

Recycle Service

Recycle



Washing machine (PP)

Grind



Flake

Material Manufacturer

Pellet

Pre-process



- Virgin pellet: 75%
- Recycled pellet: 25%
- Additive agent: few ppm

Compound



Yazaki



Manufacture protector