

# Development of Heat-resistant Protector Using Recycled Polyamide Resin

Under  
development  
Scheduled to be  
installed in 2030

Developing parts using “Recycled Polyamide 66 Resin” made from fabric scraps generated in the airbag manufacturing process

## Background or assignment

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

## Solutions to Challenges

- 1 Uses recycled base fabric scraps generated in the airbag manufacturing process. About 70% less CO<sub>2</sub> than conventional polyamide 66.
- 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

