

AGS TECHNOLOGY CASE STUDY: OPEN THE DOOR TO RECYCLED AND CLOSE THE DOOR ON COST

PRODUCT PROFILE

Industry:

Heavy Duty Truck (Interior)

Applications:

Door Grip Substrates

Material Description:

30% Glass Reinforced Polypropylene

Requirements:

- Tensile Strength
- Rigidity
- Heat Resistance
- Dimensional Stability

CUSTOMER ISSUE

A Tier 1 supplier for interior door panels was looking for cost saving ideas prior to the launch of the next generation Kenworth heavy duty truck. Door Grip Substrates were identified as good candidates for recycled material since they are overmolded to meet aesthetic requirements of the door panel.

AGS INJECTION MOLDING SOLUTION

AGS Technology recommended Injectoblend™ FPP230 and the injection molded parts resulted in 19% piece part cost savings. The Injectoblend™ material performance is equivalent to virgin 30% glass reinforced polypropylene materials and AGS injection molded parts meet or exceed all Kenworth door panel validation testing requirements.

