

## AGS TECHNOLOGY CASE STUDY: PUTTING A LID ON WASTE WITH CLOSED LOOP RECYCLING

### PRODUCT PROFILE

<b>Industry:</b>	Underground Drainage and Septic Systems (Commercial and Residential)
<b>Applications:</b>	Lids
<b>Material Description:</b>	High Density Polyethylene
<b>Requirements:</b>	• Impact Strength • Corrosion Resistance • Closed Loop Recycling

### CUSTOMER ISSUE

An OEM of drainage and septic systems was generating a significant amount of HDPE scrap punching out holes in their distribution boxes. These HDPE “punch outs” were a negative drain on profits due to their floor space storage needs and landfill costs.

### AGS INJECTION MOLDING SOLUTION

AGS Technology set-up a regular collection program and purchases the distribution box punch outs from the OEM. The punch outs are ground, cleaned, tested, and formulated for AGS to injection mold into mating lid parts. If there is a shortage of punch outs, AGS augments with Injectoblend™ FHDPE007 to help ensure a reliable HDPE supply and delivery of lids. The OEM not only turned their punch outs into a positive profit source, but also reduced the cost of their lids.

