

AGS TECHNOLOGY CASE STUDY: BASELESS VIRGIN MATERIAL PRICE INCREASES

PRODUCT PROFILE

Industry:	Water Tank Systems (Commercial and Residential)
Applications:	Tank Bases
Material Description:	ABS+PC Blend
Requirements:	• Impact Strength • Heat Resistance • Corrosion Resistance • Dimensional Stability

CUSTOMER ISSUE

An OEM of water tank systems was receiving major price increases on the virgin, high impact ABS used for tank bases molded in-house.

AGS INJECTION MOLDING SOLUTION

The OEM outsourced the injection molding of their tank bases to AGS Technology. By replacing virgin, high impact ABS with Injectoblend™ FABSPC003 ABS+PC blend, AGS Technology was able to hold the OEM's original molded part cost. This cost avoidance takes into account the specific gravity differences between the two materials. In addition, the OEM improved the field performance of their product given the higher heat resistance and toughness of the Injectoblend™ ABS+PC when compared to the virgin high impact ABS.

