

AGS TECHNOLOGY CASE STUDY: DOMESTIC MOLDING COST SAVINGS

PRODUCT PROFILE

Industry:	Lawn & Garden (Commercial and Residential)
Application:	Pressurized Sprayer Handle
Material Description:	Acetal Copolymer
Requirements:	• Rigidity • Chemical Resistance • Toughness • Durability

CUSTOMER ISSUE

A leading manufacturer of premium pressurized sprayers sought to reshore production while maintaining aggressive cost targets.

AGS INJECTION MOLDING SOLUTION

AGS Technology successfully replaced virgin acetal copolymer with AGS Injectoblend™ FPOM110, a recycled acetal copolymer. The material provides equivalent mechanical and chemical performance at a reduced cost. The solution functioned as a drop-in replacement with no tooling or process changes required. In addition, the manufacturer was able to differentiate itself from its competition by promoting their environmental stewardship using 100% recycled material.

