AGS TECHNOLOGY CASE STUDY: HANDLE LOWER COST…UNDER PRESSURE

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 needed to lower their purchased components costs in order to compete with an onslaught of offshore spraying products.

AGS INJECTION MOLDING SOLUTION

AGS Technology replaced virgin acetal copolymer used in their high volume sprayer handle by injection molding AGS' recycled equivalent. AGS Injectoblend™ FPOM110 recycled acetal copolymer provided the same performance as the virgin raw material at a 19% piece part cost savings. In addition, the manufacturer was able to differentiate itself from the offshore competition by promoting their environmental stewardship through the use of recycled materials.