BALL JOINT ROD

SUBMITTED BY
iMFLUX | Hamilton, OH

DESCRIPTION
Connection piece between pole and mop head on Swiffer Mop.

MOLDER
Hayco | Santo Domingo, Dominican Republic

OEM/CUSTOMER
Proctor and Gamble

MOLDMAKER
iMFLUX | Hamilton, OH

MATERIAL
Cosmoplene AV161 (Polypropylene)
Polyone Hayco Green COPP (Liquid)
.7% Letdown Ratio

MATERIAL SUPPLIER
TPC (The Polyolefin Company) | Singapore

PRODUCTION
Originally molded in China in a 500 Ton press with 8 cavities, this part is now molded in the Dominican Republic in a 400 Ton press with 12 cavities at a faster cycle time (52s down to 36s) due to the iMFLUX process and tool design. The parts are placed in a cooling fixture and then an automated process to insert a plastic clip into the Ball Joint Rod.