

Oven Handle



Rigid standards for strength and beauty meet with the property balance of Petra 7010



Oven Handles (Gas Assist Molding in Custom Colors White and Black)

Performance Solutions:

Petra® 7010 PET (polyethylene terephthalate) is a 15% glass reinforced resin possessing high strength, stain resistance and excellent surface appearance in gas-assist injection molding.

In the past, high gloss oven handles required the use of thermoset BMC or painted metal. Petra 7010 was developed to provide a gas-assist molded thermoplastic alternative for these parts.

The excellent physical properties of Petra 7010 enabled the BASF ADE group to develop a design that eliminated the need for threaded inserts in BMC handles by utilizing self-tapping screws into a molded-in boss.

BASF offers full part design capabilities including Structural FEA (Finite Element Analysis) and moldfilling analysis to support your transition to a thermoplastics handle.

Benefits to Customer:

- Glass free, high gloss surface in white, black and bisque
- Cost reduction over present metal and thermoset alternatives
- Excellent color retention after exposure to high temperature
- Good stain resistance to various cooking fluids

BASF Corporation
1609 Biddle Avenue
Wyandotte, MI 48192

www.plasticsportal.com/usa