



HOT SHOTS 2020

PARTS COMPETITION SUBMISSION

▶ SCREEN FILTER

SUBMITTED BY

Toth Mold/Die Inc. | *Bedford, OH*

DESCRIPTION

The Screen Filter is laser welded to an injection molded frame. It is used in the oil drilling field.

MOLDER

Toth Mold/Die Inc. | *Bedford, OH*

OEM/CUSTOMER

Confidential

MOLDMAKER

Toth Mold/Die Inc. | *Bedford, OH*

MATERIAL

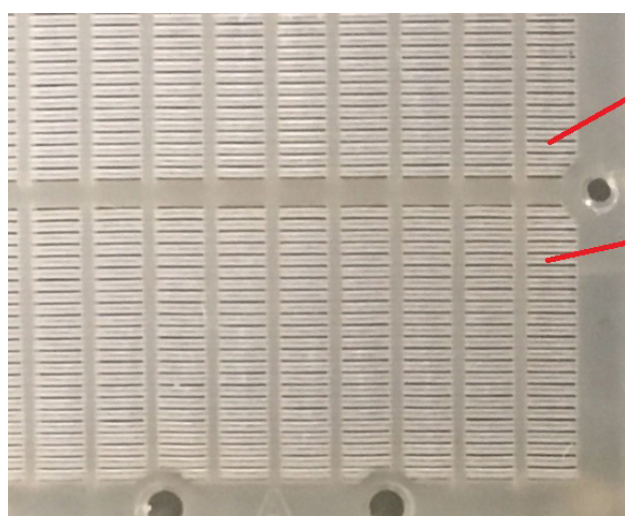
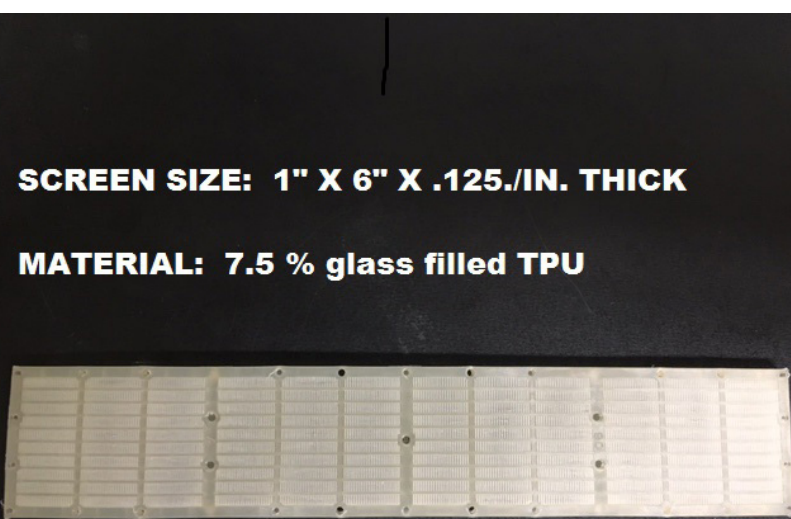
71/2% glass-filled TPU

MATERIAL SUPPLIER

Confidential

PRODUCTION

This is a very complex, injection molded part with many knit lines and small openings. Part must be flash-free, and the openings are measured in microns. All material manufacturers, molders and mold makers said this part was impossible to make.



.0022/IN. WIDE OPENINGS.
2,880 OPENINGS
RIB THICKNESS .007/IN.
2,880 KNIT LINES