Injection Mold Design Study Case

Automotive Rear Light Reflector Plastic Injection Mold Design Case

upmold.com
Mould & Molding Solutions

UPMOLD.COM

August 7, 2018
Injection Mold Design Study Case

Automotive rear light reflector

This reflector is for the Ford automobile Of Tourneo car.
Injection Mold Design Study Case

Part views
Injection Mold Design Study Case

Left hand & right hand reflector part view
Injection Mold Design Study Case

Fixed side perspective view

August 7, 2018
Injection Mold Design Study Case

Cavity side view

August 7, 2018
These hot runner drops are directed on the surface normal to guarantee the gate location smooth after injection.
Injection Mold Design Study Case

Hot runner system on the cavitation
Injection Mold Design Study Case

Hot runner layout on the moving side of view

August 7, 2018
Injection Mold Design Study Case

Moving side perspective view

August 7, 2018
Injection Mold Design Study Case

Core structure view for the cores

August 7, 2018
Injection Mold Design Study Case

August 7, 2018

Very complicated structure at the cove side on this mold design
Section view for complex structure
one cavity of core
Injection Mold Design Study Case

Some view detail view at the core side

August 7, 2018
The cooling system on the moving side
Please contact us via info@upmold.com if you are interested about this complicated plastic injection mold design for the automobile rear light reflector of Ford.