













INTEGRATION





MIM offers you more design freedom and material options than any other production processes







MATERIAL

.

MIM has a series of advantage such as remarkable energy saving, material saving, excellent performance, high product precision and good stability, suitable for mass production

CONVENTIONAL PROCESS



METAL INJECTION MOLDING



MINIATURIZATION

- Miniaturization of electronic device and various application requires
- Smaller component
- Better performance
- Lower cost
- Hard-to-machine material
- Complex profile







"Experience MIM in TWO weeks"

Quick prototyping for Testing and Evaluation







METAL INJECTION MOLDING IN CONSUMER ELECTRONICS

CASE STUDY – MIM PARTS USED IN PRINTERS



Indo-MIM Confidential

CASE STUDY – WIRELESS EARPODS



CASE STUDY – FLIP SLIDER AND HINGE BARREL



CASE STUDY- MOBILE MIM SHELL



- Dimensional repeatability needs to be consistent.
- Closed tight tolerances

CUSTOMER PAIN POINTS

INDO-MIM Confidential

operations.

Max density achieved (>98%) thus

achieving the seal proof function.

SOLUTION



POTENTIAL APPLICATION FOR MIM IN ELECTRONICS





INDO-MIM Confidential

Image Courtesy : Internet

POTENTIAL APPLICATION FOR MIM IN ELECTRONICS



POTENTIAL COMPONENTS IN HEADPHONE







POTENTIAL COMPONENTS IN EARPHONE





- Superior design of full body accomplished by CNC machining on drop forged stainless steel
- It could be manufactured through Metal Injection Molding technology which in turn reduces the lead time
- Spouts of earphone are also made of the stainless steel







POTENTIAL APPLICATION FOR MIM IN CAMERA



Push /Shutter Button



Adjuster





1/4 Inside Screw



Connector



POSSIBLE MIM PARTS IN POWERTRAINS



Push /Shutter Button



Pulse Generator



Electric Oil Pump





POSSIBLE MIM PARTS IN SEMICONDUCTOR DEVICES



Laser Diode



AS9100 MIM PLATING



FINISHING/PLATING



Buffed Finish



Gold Plated



PVD Coating



Magnetic Deburring + PVD



Electroless Nickel Plating



Glass Bead Finish



Zinc Blue Passivation



