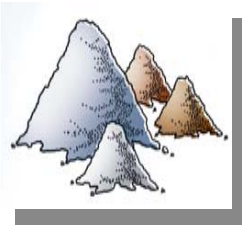


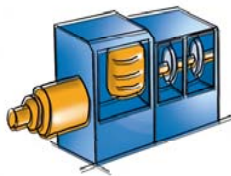
## Manufacturing process metal injection moulding technology (MIM)

### Metalpowder



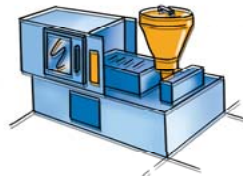
Finest metal powders or metal powder alloys

### Mixing



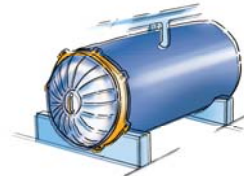
Powders are mixed with thermoplastic plastic binder (Feedstock)

### Injection moulding



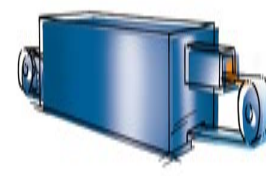
Shaping via injection moulding. The feed stock is injected into moulds (dies), creating the so-called green component

### Debinding



The binder is removed from the green component using applicable processes (e.g. thermal or chemical)

### Sintering



The materials are sintered in a heat treatment process. The material characteristics are comparable to those of compact materials

### Processing



Finally, the surfaces of finished MIM parts are processed as required