

# RAPITYPES

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PROTOTYPE & LOW VOLUME MANUFACTURE

## INJECTION MOULDING

[WWW.RAPITYPES.COM](http://WWW.RAPITYPES.COM)

FOR A FAST TURNAROUND OF PROTOTYPE OR LOW-VOLUME PRODUCTION INJECTION MOULDED COMPONENTS, RAPITYPES OFFERS THE IDEAL SOLUTION.

WITH COMPREHENSIVELY RESOURCED IN-HOUSE TOOL MAKING AND INJECTION MOULDING WE OFFER A ONE-SOURCE SOLUTION FOR INJECTION MOULDED PARTS. OUR TOOLING AND MOULDING SYSTEMS HAVE EVOLVED OVER 20 YEARS OF MEETING THE CHALLENGES AND HIGH STANDARDS DEMANDED BY A WIDE PORTFOLIO OF BLUE CHIP CLIENTS.



ALL OF OUR CUSTOMER FACING STAFF ARE FULLY TRAINED OR HAVE MANY YEARS OF EXPERIENCE IN THE INJECTION MOULDING ENVIRONMENT, SO GOOD ADVICE IS ALWAYS AT HAND. WE CAN ADVISE YOU ON THE CHOICE OF MATERIALS, THE AVAILABLE MOULD TOOL OPTIONS AND THE IMPACT OF YOUR DESIGN ON CYCLE TIMES. WE CAN EVEN PROPOSE BEST PRACTISE DESIGN DETAILING TO MAXIMISE TOOL LIFE AND ENSURE CONTINUITY OF PRODUCTION.



RAPITYPES HAS OFFERED THESE SERVICES FOR MORE THAN 20 YEARS, AND BROUGHT A UNIQUE SUPPORT MECHANISM TO THE MEDICAL, SCIENTIFIC, AUTOMOTIVE AND CONSUMER PRODUCT SECTORS. PRECISION PRE-PRODUCTION PROTOTYPE PARTS AND PRODUCTION INJECTION MOULDINGS ARE OUR FOCUS AND WITH THE TOOLMAKING, MOULDING AND DESIGN SUPPORT FACILITIES UNDER ONE ROOF, WE CAN CONFIDENTLY SAY THAT WE HAVE THE MEANS TO GIVE OUR CLIENTS THAT ALL IMPORTANT BUSINESS EDGE.

RAPITYPES HAVE ISO:9001-2008 CERTIFICATION BUT REGULARLY OPERATES WITHIN TS9471.

## MOULDING SYSTEMS AND PROCESSES

- 2G – 1000G SHOT WEIGHT
- CLEAN ROOM FACILITY CLASS 10,000 (ISO7)
- MASTER BATCH AND COMPOUNDED COLOURED PLASTIC TO RAL, NCS, AND PANTONE REFERENCES
- ULTRA SONIC WELDING, HEAT STAKING, SOLVENT WELDING
- OVER MOULDING, TWIN SHOT MOULDING,
- MOULDED IN METAL THREADED INSERTS
- MOLD-TECH AND VDI SURFACE FINISH REFERENCES (GLOSS, SATIN, MATT, SPARK ETC)
- TAMPO PRINTING, SILK SCREEN PRINTING AND VINYLs
- WATER BASED SPRAY PAINTING REACH CONFORMING.
- UV COATING
- CHROME PLATING, VACUUM METALLISING AND RF SHIELDING
- ISIR, FULL INSPECTION REPORTS, NON-DESTRUCTIVE TESTING
- PRESS SIDE ASSEMBLY



WE CAN HELP YOU TO CHOOSE OR SOURCE THE CORRECT POLYMER FOR YOUR PRODUCT. RAPITYPES HAS BEEN INJECTION MOULDING PLASTIC COMPONENTS FOR MORE THAN 20 YEARS.

### TYPICAL THERMOPLASTICS :-

ABS	PBT	POLYESTER
PMMA	PCL	PE
COC	PCTFE	PEEK
PTFE	PET	PEKK
IONOMERS	PCT	PEI
PVC	PC	PES
LCP	PHAs	PEC
POM	PK	PI
ACRYLIC	PSU	PLA
PAN	PTT	PMP
GF PA	PU	PPD
PAI	PVA	PPS
PAEK	PVC	PPA
PBD	PVDC	PP
PB	SAN	PS



# RAPITYPES

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