



RELIABLE TECHNICAL PARTNER

ENGINEERING  
PLASTICS

# ENGINEERING PLASTICS

*Did you know that engineering plastics can be a great substitute for metals?*

The use of polymer materials in today's industry eases several applications, since it enables cost effective and simple constructive solutions to technical problems.

Polymer materials are due to their low density, great damping, insulating and sliding properties an excellent substitute to metallic materials. Plastics improve components by the following properties:

- › low weight, especially in comparison to load capacity
- › good sliding and wear characteristics also in unlubricated conditions
- › high chemical and corrosion resistance
- › simple and fast processing
- › possible to pigment and recycle



## WIDE RANGE OF MATERIALS AND DIFFERENT STOCK SHAPES



PLATES



RODS



TUBES

### 1 Imidized technical plastics

PAI / PBI / PI

### 2 Advanced engineering technical plastics

PEEK / PEI / PPS / PPSU / PSU / PFTE / PPS

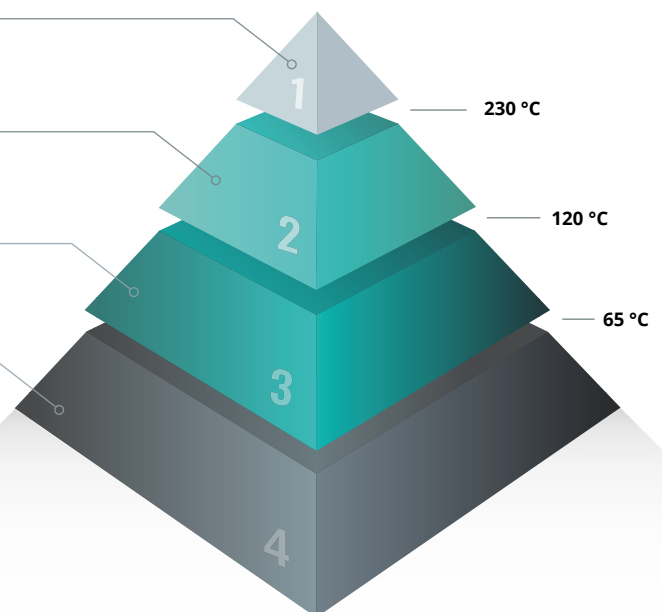
### 3 Engineering plastics

PA / PPA / PC / PMP / PPO / PET-P / POM / UHMW-PE / TPE / TPU

### 4 Standard plastics

HDPE / LDPE / PP

We supply also all other special - niche plastics according to costumers requirements and application specifics. We offer high quality polymer materials of renowned European manufacturers.



# FINISHED PRODUCTS

## FROM TECHNICAL PLASTICS IN PRACTICE

### SLIDE BEARINGS



#### ADVANTAGES

Self-lubrication, cleanliness (no use of lubrication) and incomparably lower operating noise

#### WE PRODUCE

Ordinary bushings, bushings with trims, notches, slots and numerous geometrical features

### POWER TRANSMISSION ELEMENTS



#### ADVANTAGES

Economical, maintenance, hygiene, longer operating time and good protection of sprocket wheels

#### WE PRODUCE

Chain sprockets, pulleys, sheaves, and other power transmission products with or without hub, notches, diagonal bores and other special features

### WHEELS



#### ADVANTAGES

Steady, quiet and smooth running, great vibration dumping and good abrasion resistance

#### WE PRODUCE

Wheels of all types with corresponding bearings, circlips and all the necessary elements for installation

### PLASTIC FLANGES



#### ADVANTAGES

Economy, flexibility, excellent resistance against corrosion and chemicals, fast and easy installation, long service life

#### WE PRODUCE

Various types of flanges depending on the type of joint (sealed medium, temperature and system pressure)

### OTHER CUSTOM PRODUCTS

CASINGS AND PYLONS OF LINEAR BEARINGS, SPACER RINGS, PLUGS, VALVES, HOSE FITTINGS AND RETAINING BOARDS

We manufacture custom made and non-standard products from all types of technical plastic.



### CUTTING INTERMEDIATE PRODUCTS OF SMALLER DIMENSIONS

#### PLATES, RODS, TUBES

Beside final products, we offer cutting of our stock shapes into smaller pieces as per customers' request.



## PROFESSIONAL TECHNICAL SUPPORT

We are always available for all technical questions and free professional consultations.  
Write to **shop@mm-intercom.si** or visit our online shop.



### PROFESSIONAL CONSULTATION

While choosing suitable technical plastic.



### TECHNICAL DOCUMENTATION

We make working and component drawings in printed or digital form.



### FAST AND QUALITY PRODUCTION

We dispatch on same day, or the following working day after receiving your order.

**[www.mm-intercom.si](http://www.mm-intercom.si)**

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