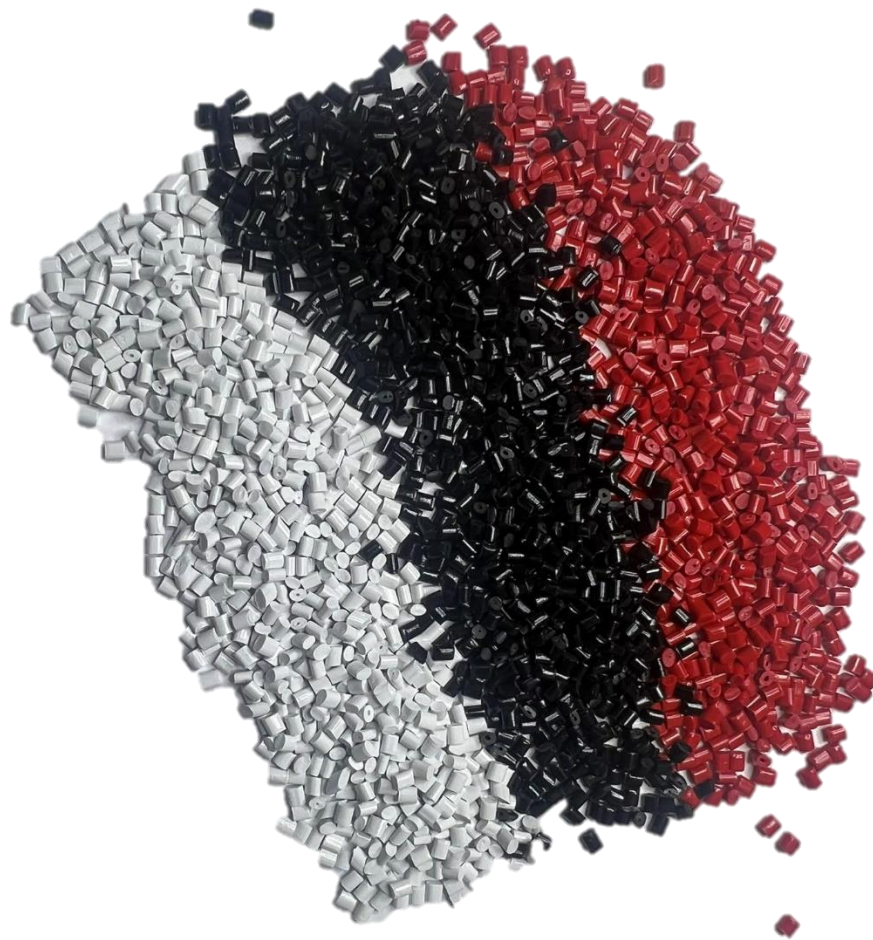


MALOUN S.r.o.

♻️ RECYCLING TO SUCCESS

PRODUCTS OVERVIEW



PP MATERIALS

- High performance recycled Polypropylene materials
- M-KOM-T®, M-KOM-GF®

M-KOM-T®

M-KOM-T® is a type of high performance, talcum filled, PP recycled compounds.

M-KOM-T® materials are designed as full or partial substitution to given primary materials. This materials are usually delivered in black color.

Typical properties

| Properties | Test conditions | Units | Standard | M-KOM-T® |
|------------------------|-----------------|-------------------|---------------|----------|
| MFI | 2,16 kg/230 °C | g/10 min | ISO 1133-1 | 10-25 |
| Charpy Impact Strenght | 23 °C | kJ/m ² | ISO 179-1/1eA | N |
| Flammability | - | - | UL-94 | HB |
| Talcum Content | - | % | ISO 3451/1 | 10-30 |





M-KOM-GF®

M-KOM-GF® is a type of high performance, glass filled, PP recycled compounds.

M-KOM-GF® materials are designed as full or partial substitution to given primary materials. This materials are usually delivered in black color.

Typical properties

| Properties | Test conditions | Units | Standard | M-KOM-GF® |
|------------------------|-----------------|-------------------|---------------|-----------|
| MFI | 2,16 kg/230 °C | g/10 min | ISO 1133-1 | 10±5 |
| Charpy Impact Strenght | 23 °C | kJ/m ² | ISO 179-1/1eA | N |
| Flammability | - | - | UL-94 | HB |
| Glass Fiber Content | - | % | ISO 3451/1 | 10-30 |



PC/ABS MATERIALS

- High quality recycled PC/ABS materials
- M-BLEND®

M-BLEND®

M-BLEND® is a type of high-quality PC/ABS recycled compounds for injection molding.

M-BLEND® materials are characteristic with optimal mechanical properties for plastic parts in automotive industry. This materials can be used as 100% substitution of primary materials in less demanding, non-visible appliactions and as a partial substition for visible parts. Usually delivered in black color.

| Properties | Test conditions | Units | Standard | M-BLEND® |
|------------------------|-----------------|----------|---------------|----------|
| MFR | 5 kg/260 °C | g/10 min | ISO 1133-1 | 25±7 |
| Charpy Impact Strenght | Notched, 23 °C | kJ/m² | ISO 179-1/1eA | ≥30 |
| Flammability | - | - | UL-94 | HB |



ABS MATERIALS

- High quality recycled ABS materials
- M-PAK®

M-PAK®

M-PAK® is a type of high-quality unfilled ABS recycled compounds.

M-PAK® materials are characteristic with wide range of applications including plates, foils, automotive plastic parts. M-PAK® is usually delivered in black color but It is also available in grey and red color.

Typical properties

| Properties | Test conditions | Units | Standard | M-PAK® |
|------------------------|-----------------|-------------------|---------------|--------|
| MFI | 10 kg/220 °C | g/10 min | ISO 1133-1 | 7±3 |
| Charpy Impact Strenght | Notched, 23 °C | kJ/m ² | ISO 179-1/1eA | >12 |
| Flammability | - | - | UL-94 | HB |

PC MATERIALS

- High quality recycled PC materials
- M-LON®

M-LON®

M-LON® is a type of high-quality PC recycled compounds for injection molding.

M-LON® materials can be used as 100% substitution of primary materials in less demanding non-visible applications and as a partial substitution for visible parts. This material is usually delivered in black color.

Typical properties

| Properties | Test conditions | Units | Standard | M-LON® |
|-----------------------------|-----------------|-------------------|------------|--------|
| MFI | 1,2 kg/300 °C | g/10 min | ISO 1133-1 | 15-35 |
| Charpy Impact Strength | 23 °C | kJ/m ² | ISO 180/1U | NB |
| Vicat Softening Temperature | - | °C | ISO 306 | >135 |
| Flammability | - | - | UL-94 | HB |

PBT MATERIALS

- High quality recycled PBT materials
- M-CAN-GF®



M-CAN-GF®

M-CAN-GF® is a type of high-quality, glass filled PBT recycled compounds for injection molding.

M-CAN-GF® materials are designed as full or partial substitution to given primary materials. This materials are usually delivered in black color.

Typical properties

| Properties | Test conditions | Units | Standard | M-CAN-GF® |
|---------------------|-----------------|-------|------------|-----------|
| Flammability | - | - | UL-94 | HB |
| Glass Fiber Content | - | % | ISO 3451/1 | 10-30 |

Notice

This grades are not intended for medical, pharmaceutical, food and drinking water applications. These are typical property values not to be construed as specification limits. Product should be stored in dry conditions at temperatures below 50°C.

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

Trademarks

The Trademark referenced within the product name is owned or used by the Maloun s.r.o. company.

OTHER MATERIALS

- Made in lower capacities
- Ready to be next parts of our portfolio



ABS REGRANULATE

- Type: Injection
- Fillers: Unfilled
- Color: White

PS REGRANULATE

- Type: Injection, Extrusion
- Fillers: Unfilled
- Color: White, Black

PC REGRANULATE

- Type: Injection
- Fillers: Unfilled
- Color: Transparent, White

TPE REGRANULATE

- Type: Injection
- Fillers: Unfilled
- Color: Black

POM REGRANULATE

- Type: Injection
- Fillers: Unfilled
- Color: Natur, White, Black

PMMA REGRANULATE

- Type: Injection
- Fillers: Unfilled
- Color: Transparent

PP REGRANULATE

- Type: Injection/Extrusion
- Fillers: Unfilled
- Color: Black

PA6-GF REGRANULATE

- Type: Injection
- Fillers: Glass filled
- Color: black

HDPE REGRANULATE

- Type: Injection, Extrusion
- Fillers: Unfilled
- Color: Natur, White, Black

PLA REGRANULATE

- Type: Injection
- Fillers: Unfilled
- Color: grey, black



OTHER SERVICES

REGRIND REPROCESSING

MALOUN, s.r.o. provides custom material reprocessing of plastic regrind of every type of material that is included in our portfolio – PP, PC, ABS, PC/ABS, PBT, POM, PS, TPE, PLA and more.

PLASTIC COMPOUNDING AND COLOURING

MALOUN, s.r.o. provides custom compounding and coloring of materials included in our portfolio

LABORATORY TESTING

Custom testing of Charpy impact strenght, Melt flow index testing, Preparation of test specimens, Filler amount testing etc.



MALOUN s.r.o.

Tečovice 369
763 02 Zlín 4
Czech republic
e-mail: prodej@maloun.cz
tel.: +420 577 112 311
www.maloun.cz