

Guidelines for the purchase of regrind or agreed reprocessing of thermoplastics

Thanks to our implemented recycling concept MITRAS has the possibility to re-use customer recycling material from e.g. edge trims or milling waste back for the sheet production.

This following requirements have to be met:

1. Delivery of goods

a) Shipment:

- DAP Weiden with previous notification in time (approx. one day before the arrival) and accepted delivery date by MITRAS Materials GmbH (if possible, send the regenerates shortly before placing the order for sheets).
- After a storage period of 6 months we reserve the right to use the material for other productions without substitution

b) Delivery of goods:

Monday to Friday from 6:30 a.m. to 1:00 p.m.

c) Delivery note details:

- Company name - material type - RT number - colour (e.g.: XY GmbH - TPU/ABS - RT1414 - CU5200)
- minimum net weight (please indicate weight as net weight, in case of several plastic types in one please indicate the partial sums)

d) Incoming goods inspection:

An incoming goods inspection by MITRAS Materials GmbH can only be carried out at sight on a random basis. Therefore stated costs of loss of production in advance for the event of processing problems are to be considered as guide values.

2. Collecting, separation and grinding of regenerates

The customer is responsible

a) that the Material is separated according to type:

- material type – specification (RT number)
- colour (e.g.: TPU/ABS – RT1414 – CU5200)

b) that the Material is free from:

- foreign particles like e.g. wood, cardboard or metal
- foreign plastic mixtures are not permitted (e.g.: PE protective film on PMMA/ABS sheets, PVC, adhesive residues, thermosets)

c) to inform MITRAS:

Regenerates containing additives or fillers, especially flame retardants

d) A clear labelling of the individual big bag:

- Company - material type – specification (RT-number) – colour (optionally also THERMODET-Packing slip), net weight, date of grinding and container number

3. Instructions for the recovery of regrind

- grind and package regrind as soon as possible after production to avoid contamination
- experience has shown that good grinding results can be achieved with granulators (sieve insert with a hole diameter of 10 mm)
- Material should contain as less dust as possible; this can be achieved by larger hole diameters on the sieve/filter and adequate suction on the mill
- do not store the material outside to avoid absorption of moisture

4. Packaging, types of containers, storage

a) Types of containers:

- Preferably BigBags with inlet and outlet opening, maximum height = 1.80m, maximum weight = 850kg (Note: UV equipped BigBags are advisable)
- in exceptional cases: Octabins, Euro grid boxes

b) Packaging:

- Protected from weather and moisture (Note: BigBags must be covered with a waterproof hood for outdoor storage)
- Transport pallets for BigBags must not be smaller in length and width than the BigBag (e.g.: one-way pallets CP1 CP3, no Euro pallets)

c) Container and packaging condition:

- suitable for typical use, compliant with safety standards (no cracks, no adhesions of these with adhesive; no torn loops on BigBags)

5. Withdrawal, claims for compensation, refusal of acceptance of goods

The confirmation to process regrind is subject to change without notice. MITRAS Materials GmbH reserves the right to,

a) withdraw from the order in case of:

- non-compliance with points 2a), b) and c)

b) to claim for compensation in case of:

- machine and roller damage due to proven non-compliance with points 2a), b) and c)
- loss of production due to proven non-compliance with points 2a), b) and c)

c) refuse the acceptance of goods especially in case of:

- non-compliance with points 3b) and c)

6. Quality guarantee for regenerated products

Due to possibly undetectable impurities in the material, only a limited quality guarantee can be given with regard to, for example, surface, thermoform properties, colour shade or mechanical properties.

7. Reprocessing loss (only for regrind, which is provided by the customer to be used for his orders)

For the reprocessing of the regrind sent back by the customer, a loss of up to 10% in case of a sheet production quantity of < 5 tons and of up to 5% in case of a sheet production quantity of > 5 tons, has to be calculated from the weight of the received regrind.

8. Cooperation with external grinding service providers

If you do not have the possibility to grind material residues, we also cooperate with external grinding companies.