

# Conversion kit micro pellets

Plastic pellets with dimensions less than 1.0 mm



Micro pellets can be used for a wide range of applications, such as compounding and masterbatches, packaging, micro injection molding, rotational molding and surface blasting.

Micro pelletizing works particularly well for unfilled plastics with a low melting point and medium to high viscosity, e. g. PE, PS, PP, TPE and TPU.

## Your benefits

- Sophisticated parts specially developed for producing micro pellets
- Process engineering and technical consultation
- Production of sample micro pellets in our lab

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Micro pellets are increasingly gaining in market significance because of the many advantages they offer over powder or standard-sized pellets:



## Features of micro pellets

- Small, uniform, dust-free pellets
- High bulk density thus better free-flow properties
- Lower risk of dust explosions due to clean, dust-free processing
- Precise feeding even in small amounts
- Lower material consumption
- Suitability for pneumatic conveying
- Faster meltable



Clustered holes diameter on die plate

## We offer

- Process engineering and technical consultation
- Experience in rebuilding systems to produce micro pellets
- Optimization of your existing systems
- Production of sample micro pellets in our lab
- Conversion of existing SPHERO® and WSG pelletizing equipment

## Parts for underwater pelletizing with SPHERO® systems, such as

- Die plates with special hole layout
- Knife holders with increased knife count
- Dryer sieves with small mesh width

## Parts for strand pelletizing with WSG systems, such as

- Die plates with special hole layout
- Cutting rotors with increased tooth count
- Feed rolls with special surface finishing
- Change wheels for optimized gearing



90 teeth cutting rotor

Should you have any questions, please contact us by phone or email.