

PA12 Cast

Product Information



Our PA12 Cast – quality plastic

PA 12 C is a polyamide 12, produced using a monomer casting process. Due to the completely pressureless process, the material becomes highly crystalline and low-tension with a homogeneous, uniform structure throughout. The casting process allows for versatile design.

Application areas for PA12 C:

- Control cams
- Seals
- Gear wheels

Characteristics

- Low moisture absorption
- Excellent chemical resistance
- High notched bar impact strength
- Excellent wear resistance
- Good antifriction properties
- High creep strength
- Dimensional and form stability

Formats

The following PA 12 C products are currently available for further processing:

Round bars

- Ø 20, 25, 30, 35, ... up to Ø 50 x 2000 mm
- Ø 60, 70, 80, 90, ... up to Ø 200 x 500 mm

Additional dimensions available upon request.

Tubes / Rings

- OD Ø 80, 90, 100, ... up to Ø 400 x 500 mm

combined with

- ID Ø 50, 60, 70, ... up to Ø 350 mm

Additional dimensions available upon request.

Sheets

- Standard size: 2000 x 1000 mm
- Standard thickness: 6, 8, 10, 15, 20, 25, ... up to 80 mm

Additional dimensions available upon request.

Moulded cast

- Unit weight up to approx. 600 kg
- Individual design suited to the application

COMCOEPP

Engineering Plastic Products

We produce plastic stock shapes
and engineer tailor made solutions.



Version 3.0 / 2024

COMCOEPP
Engineering Plastic Products

Comco EPP GmbH (AT)

info@comco-epp.com

COMCONYLON
High Performance in Plastics

Comco Nylon GmbH (DE)

info@comco-nylon.com

COMCOEPP
Engineering Plastic Products

Comco EPP Middle East
DMCC (AE)

sales@comco-epp.ae

COMCOEPP
Engineering Plastic Products

Comco EPP East Asia &
PI Division (KR)

sales@comco-epp.kr