TECHNICAL DATASHEET

POM

POM offers a combination of excellent properties such as temperature resistance, creep resistance, strength, stiffness, hardness, dimensional stability, toughness, fatigue resistance, solvent and fuel resistance, abrasion resistance, low wear and low friction.

Material

Copolymer of polyoxymethylene (PO01)

Product code

POM-C

Products:

Can be used for:
- Tubes
- Profiles

Solid pipes

Application

- Automotive
- Industrial
- Conveyor

Characteristics

POM-C (polyacetal) is a partially crystalline thermoplastic. POM combines a series of properties such as stiffness, hardness, strength, dimensional durability, and form durability.

Density:	1,41 g/cm^3
Chemical:	Good chemical resistance, for example solvents
UV- & weather:	Poor, but can be improved by additives such as carbon black
Service temperature:	+100°C (air)
Flame resistance:	HB (HB 94)
Flexural modulus:	2.650 MPa (dry)
Moisture absorption:	< 0,2 %
Dimensions:	Tubes: 2,0 to 15,0 mm *Rods: 2,0 to 8,0 mm* *Profiles: on demand*
Wear resistance:	Good
Friction coefficient:	Low
Impact resistance:	Very good
Surface resistance:	~10^{16} Ω * cm

Standard/Norms

N/A

Compliance

- EC Regulation 1907/2006 (REACH)
- Directive 2011/65/EU (ROHS)
- Do not contain dual use additives

Color

Standard:	Natural, white, and black
Specialties:	On demand

Print

Black and white printing at an additional charge

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Origin	Products are “Made in Denmark” and raw material for the products originates from Asia
Documentation	Specific documentation is available for: - chemical resistance - regulatory status

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