

## 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.

<b>Material</b>	Copolymer of polyoxymethylene (PO01)	
<b>Product code</b>	POM-C	
<b>Products:</b>	Can be used for: - Tubes - Profiles Solid pipes	
<b>Application</b>	- Automotive - Industrial - Conveyor	
<b>Characteristics</b>	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 <sup>3</sup>
	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 <sup>16</sup> Ω * cm
<b>Standard/Norms</b>	N/A	
<b>Compliance</b>	- EC Regulation 1907/2006 (REACH) - Directive 2011/65/EU (ROHS) - Do not contain dual use additives	
<b>Color</b>	Standard:	Natural, white, and black
	Specialties:	On demand
<b>Print</b>	Black and white printing at an additional charge	

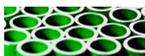


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<b>Origin</b>	Products are “Made in Denmark” and raw material for the products originates from Asia
<b>Documentation</b>	Specific documentation is available for: <ul style="list-style-type: none"><li>- chemical resistance</li><li>- regulatory status</li></ul>

*The information contained in this document is based on information obtain from raw material suppliers, data selected from the literature and specific testing, but shall in no event be held to constitute or imply any warranty, undertaking, express or implied commitment from our part. Our formal specifications define the limit of our commitment. No liability whatsoever can be accepted by Knudsen Extrusion ApS regarding the handling or use of the product or products concerned which must in all cases be employed in accordance with all relevant laws and/or regulations in force in the country or countries concerned.*



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