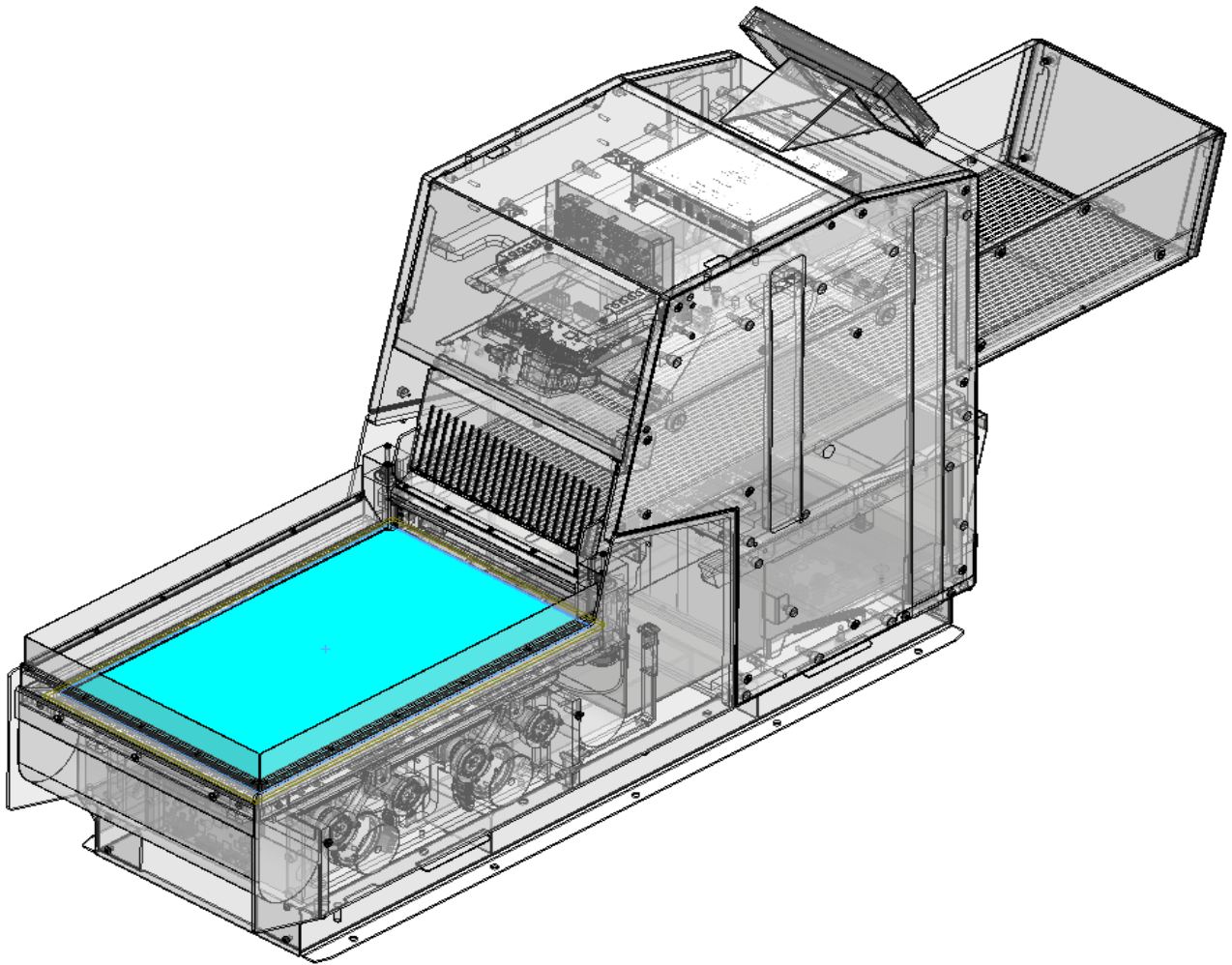


## Feed plates flexfeeder X-Serie



[X185](#)

[X250](#)

[X350](#)

[Grooves](#)

[Pumps](#)

[Waves](#)

[POM-C](#)

[POM-C ESD](#)

[POM-C ESL](#)

flexfactory ag  
Giessenstrasse 15  
CH-8953 Dietikon

Phone +41 44 774 55 66  
[sale@flexfactory.com](mailto:sale@flexfactory.com)

## Feed plate X185

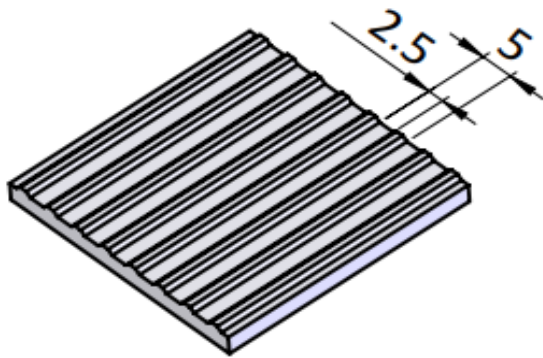
Art-No.	Bezeichnung / Description	Ausführung / Explanation	Backlight	ESD
007-003-877	Feed plate X185 POM C ELS black	flat, matt		x
007-003-890	Feed plate X185 POM C ESD white	flat, matt	x	x
007-003-891	Feed plate X185 POM C white	flat, matt	x	
007-003-922	Feed plate X185 POM C black	flat, matt		
007-005-127	Feed plate X185 PVC gray	flat, matt		
007-005-135	Feed plate X185 POM C white	Grooves, fine	x	
007-005-138	Feed plate X185 POM C black	Grooves, fine		
007-005-137	Feed plate X185 POM C white	Grooves, coarse	x	
007-005-140	Feed plate X185 POM C black	Grooves, coarse		
007-005-136	Feed plate X185 POM C white	Grooves, medium	x	
007-005-139	Feed plate X185 POM C black	Grooves, medium		
007-003-919	Feed plate X185 POM C white	Bumps, fine	x	
007-003-923	Feed plate X185 POM C black	Bumps, fine		
007-003-921	Feed plate X185 POM C white	Bumps, coarse	x	
007-003-925	Feed plate X185 POM C black	Bumps, coarse		
007-003-920	Feed plate X185 POM C white	Bumps, medium	x	
007-003-924	Feed plate X185 POM C black	Bumps, medium		
007-005-150	Feed plate X185 POM C white	Structure wave, fine	x	
007-005-663	Feed plate X185 POM C black	Structure wave, fine		
007-005-152	Feed plate X185 POM C white	Structure wave, coarse	x	
007-005-665	Feed plate X185 POM C black	Structure wave, coarse		
007-005-151	Feed plate X185 POM C white	structure wave, medium	x	
007-005-664	Feed plate X185 POM C black	structure wave, medium		

## Feed plate X250

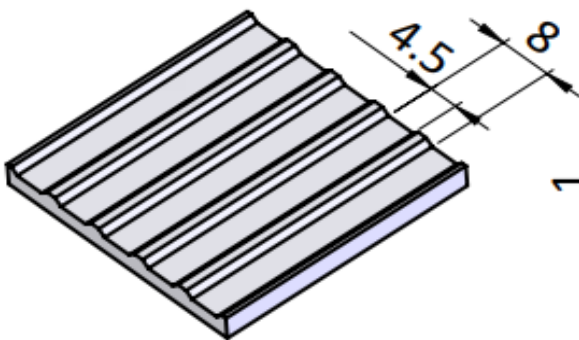
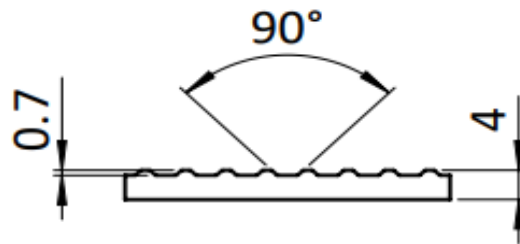
Art-No.	Bezeichnung / Description	Ausführung / Explanation	Backlight	ESD
007-003-518	Feed plate X250 POM C ELS black	flat, matt		x
007-004-346	Feed plate X250 POM C ESD white	flat, matt	x	x
007-003-618	Feed plate X250 POM C white	flat, matt	x	
007-004-144	Feed plate X250 POM C black	flat, matt		
007-005-126	Feed plate X250 PVC gray	flat, matt		
007-005-129	Feed plate X250 POM C white	Grooves, fine	x	
007-005-132	Feed plate X250 POM C black	Grooves, fine		
007-005-131	Feed plate X250 POM C white	Grooves, coarse	x	
007-005-134	Feed plate X250 POM C black	Grooves, coarse		
007-005-130	Feed plate X250 POM C white	Grooves, medium	x	
007-005-133	Feed plate X250 POM C black	Grooves, medium		
007-003-623	Feed plate X250 POM C white	Bumps, fine	x	
007-004-145	Feed plate X250 POM C black	Bumps, fine		
007-003-625	Feed plate X250 POM C white	Bumps, coarse	x	
007-004-147	Feed plate X250 POM C black	Bumps, coarse		
007-003-624	Feed plate X250 POM C white	Bumps, medium	x	
007-004-146	Feed plate X250 POM C black	Bumps, medium		
007-004-259	Feed plate X250 POM C white	Structure wave, fine	x	
007-005-666	Feed plate X250 POM C black	Structure wave, fine		
007-004-414	Feed plate X250 POM C white	Structure wave, coarse	x	
007-005-668	Feed plate X250 POM C black	Structure wave, coarse		
007-004-413	Feed plate X250 POM C white	structure wave, medium	x	
007-005-667	Feed plate X250 POM C black	structure wave, medium		

## Feed plate X350

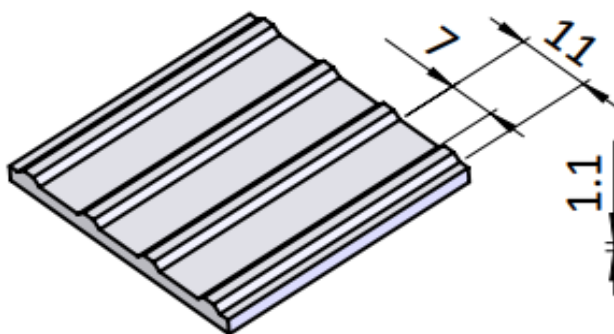
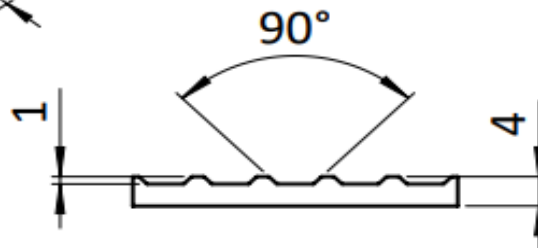
Art-No.	Bezeichnung / Description	Ausführung / Explanation	Backlight	ESD
007-003-817	Feed plate X350 POM C ELS black	flat, matt		x
007-004-349	Feed plate X350 POM C ESD white	flat, matt	x	x
007-004-171	Feed plate X350 POM C white	flat, matt	x	
007-004-172	Feed plate X350 POM C black	flat, matt		
007-005-128	Feed plate X350 PVC gray	flat, matt		
007-005-141	Feed plate X350 POM C white	Grooves, fine	x	
007-005-144	Feed plate X350 POM C black	Grooves, fine		
007-005-143	Feed plate X350 POM C white	Grooves, coarse	x	
007-005-146	Feed plate X350 POM C black	Grooves, coarse		
007-005-142	Feed plate X350 POM C white	Grooves, medium	x	
007-005-145	Feed plate X350 POM C black	Grooves, medium		
007-004-351	Feed plate X350 POM C white	Bumps, fine	x	
007-004-354	Feed plate X350 POM C black	Bumps, fine		
007-004-353	Feed plate X350 POM C white	Bumps, coarse	x	
007-004-356	Feed plate X350 POM C black	Bumps, coarse		
007-004-352	Feed plate X350 POM C white	Bumps, medium	x	
007-004-355	Feed plate X350 POM C black	Bumps, medium		
007-005-147	Feed plate X350 POM C white	Structure wave, fine	x	
007-005-669	Feed plate X350 POM C black	Structure wave, fine		
007-005-149	Feed plate X350 POM C white	Structure wave, coarse	x	
007-005-671	Feed plate X350 POM C black	Structure wave, coarse		
007-005-148	Feed plate X350 POM C white	structure wave, medium	x	
007-005-670	Feed plate X350 POM C black	structure wave, medium		



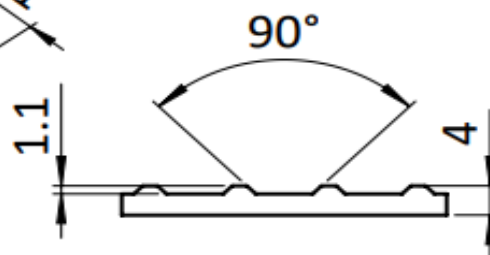
Längsrillen, fein  
Grooves, fine

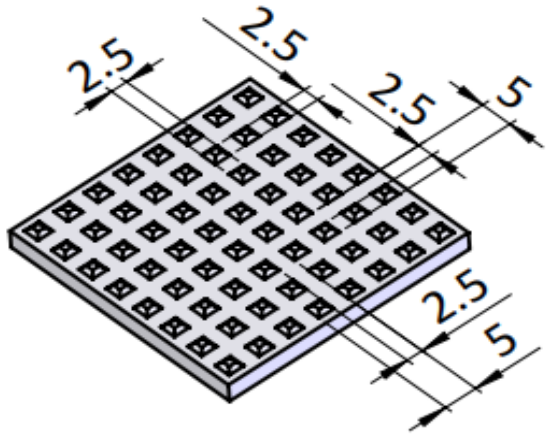


Längsrillen, mittel  
Grooves, medium

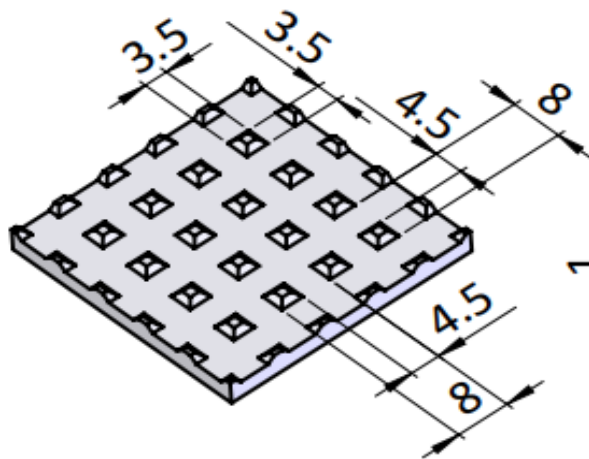
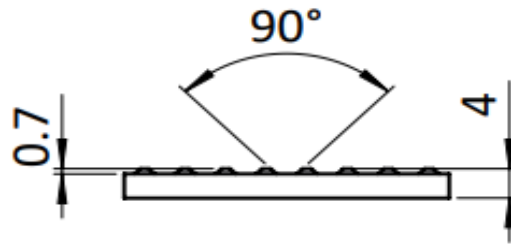


Längsrillen, grob  
Grooves, coarse

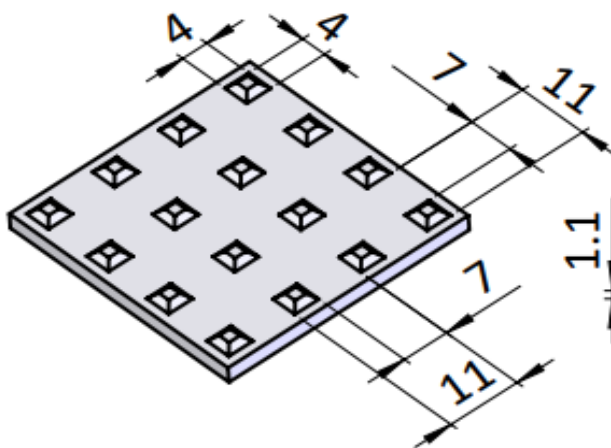
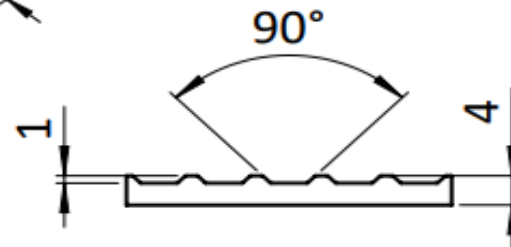




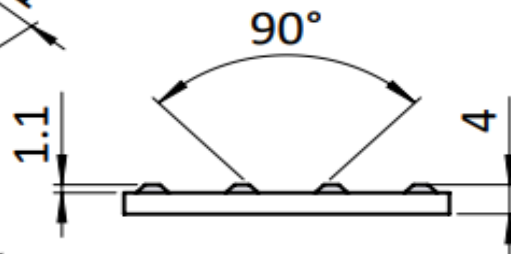
Noppen, fein  
Bumps, fine



Noppen, mittel  
Bumps, medium

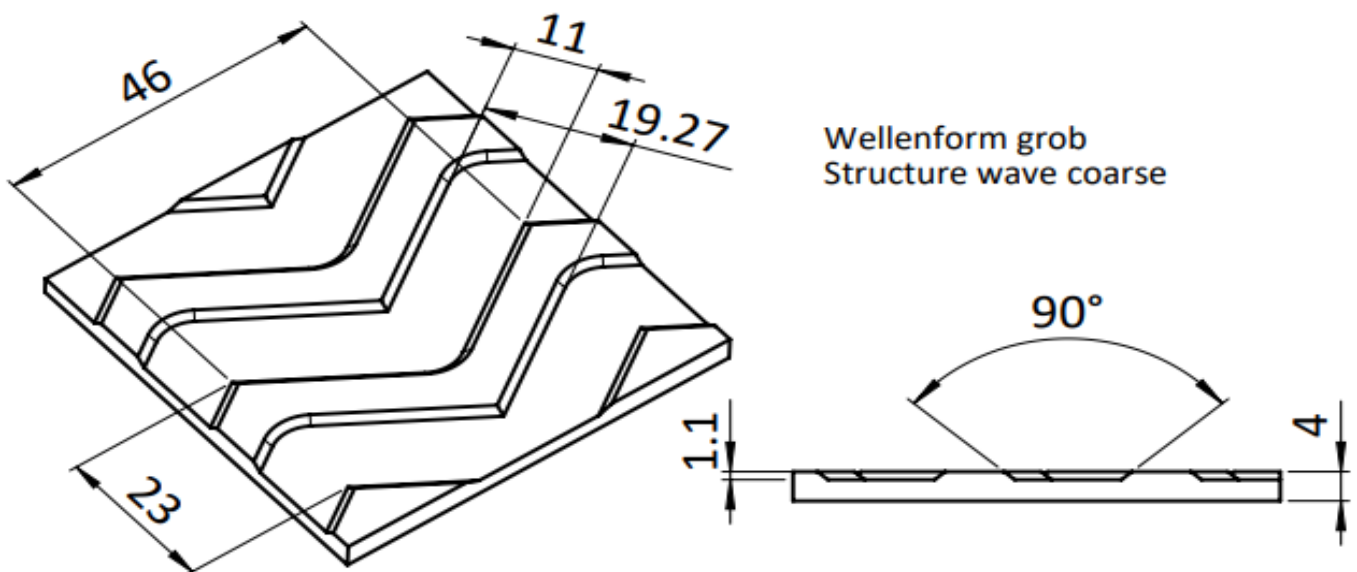
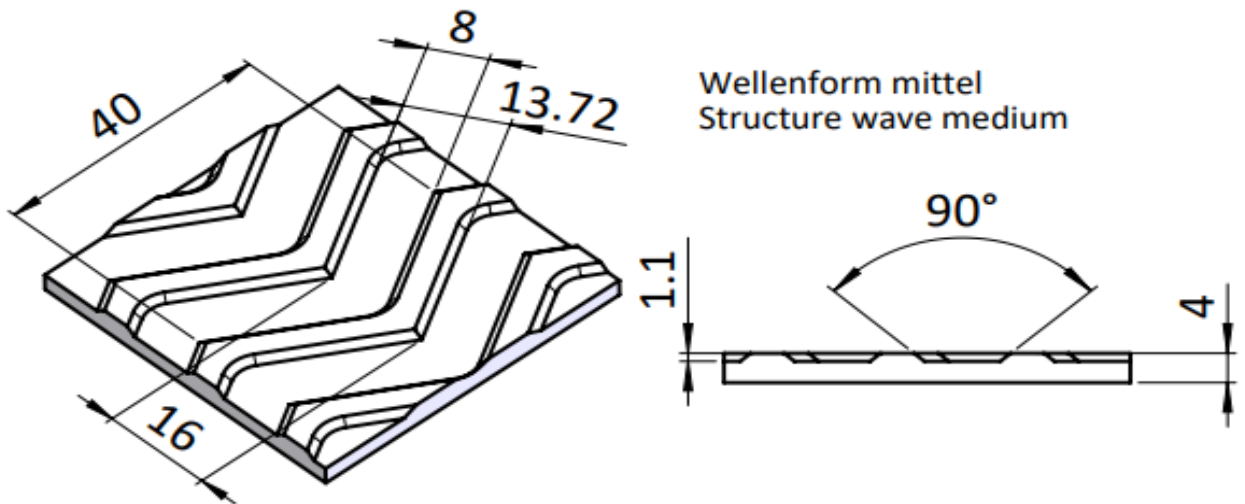
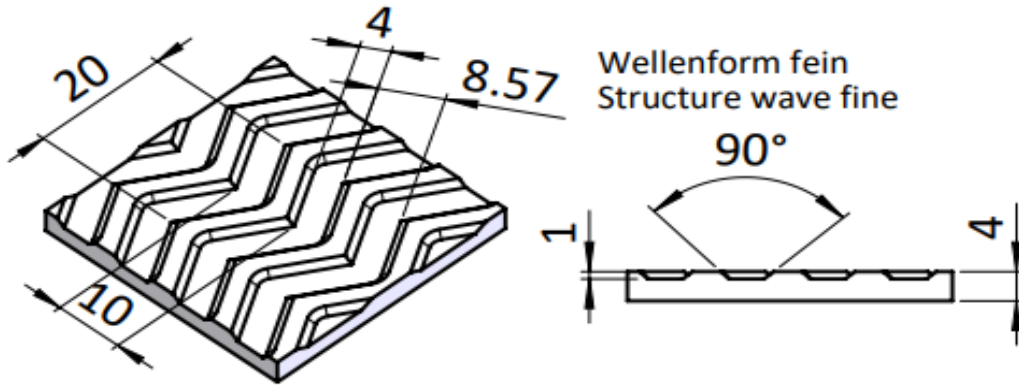


Noppen, grob  
Bumps, coarse





## Structure wave



# POM-C ESD



## POLYACETAL COPOLYMER ANTISTATIC

### Material description

POM-C ESD is modified with an antistatic agent without carbon-black additive. With its antistatic properties, it is very well suited for applications in vacuum technology and the semiconductor industry.

### Conformities

RoHS, REACH

Physical properties	Test method	Value	Unit
Density	DIN EN ISO 1183-1	1.34	g/cm <sup>3</sup>
Water absorption	DIN EN ISO 62	0.2	%
Sliding friction			
Abrasion resistance			

Mechanical properties	Test method	Value	Unit
Yield stress	DIN EN ISO 527	42	MPa
Elongation at break	DIN EN ISO 527	20	%
Tensile modulus of elasticity	DIN EN ISO 527	1800	MPa
Notched impact strength	DIN EN ISO 527	5	kJ/m <sup>2</sup>
Ball indentation hardness	DIN EN ISO 2039-1	90	MPa

Thermal properties	Test method	Value	Unit
Coefficient of thermal expansion	DIN 53752	170	10 <sup>-6</sup> *K <sup>-1</sup>
Operating temperature short term		140	°C
Operating temperature long term		-85 bis 85	°C
Heat deflection temperature	DIN EN ISO 75 / A	110	°C
Flammability	UL 94, 3 mm	HB	

Electrical properties	Test method	Value	Unit
Volume resistivity	IEC 60093	10 <sup>9</sup> - 10 <sup>12</sup>	Ω * cm
Surface resistivity	IEC 60093	10 <sup>9</sup> - 10 <sup>11</sup>	Ω * cm

These technical data have been determined as average values by our suppliers from many individual measurements. In all measurements, the test specimens were tested in the dry state. We pass on the data with reservation. The table does not claim to be complete or correct. Material technology is subject to constant further development. No rights or guarantees can be derived from it. Own tests are necessary because the environmental and operating conditions (humidity, temperature, mechanical forces, radiation and chemicals, etc.) set limits in the application.



# POM-C ELS



## POLYACETAL COPOLYMER ELECTRICALLY CONDUCTIVE

### Material description

POM-C ELS has good electrical conductivity. It is very easy to machine and is suitable for sliding applications in conveyor technology.

### Conformities

RoHS, REACH

Physical properties	Test method	Value	Unit
Density	DIN EN ISO 1183-1	1.38	g/cm <sup>3</sup>
Water absorbtion	DIN EN ISO 62	0.2	%
Sliding friction			
Abrasion resistance			
Mechanical properties	Test method	Value	Unit
Yield stress	DIN EN ISO 527	39	MPa
Elongation at break	DIN EN ISO 527	11	%
Tensile modulus of elasticity	DIN EN ISO 527	2000	MPa
Notched impact strength	DIN EN ISO 527	7.5	kJ/m <sup>2</sup>
Ball indentation hardness	DIN EN ISO 2039-1	100	MPa
Thermal properties	Test method	Value	Unit
Thermal conductivity	DIN 52612-2	0.31	W/(m*K)
Coefficient of thermal expansion	DIN 53752	120	10 <sup>-6</sup> *K <sup>-1</sup>
Operating temperature short term		140	°C
Operating temperature long term		- 50 bis 110	°C
Heat deflection temperature	DIN EN ISO 75 / A	82	°C
Flammability	UL 94, 3 mm	HB	
Electrical properties	Test method	Value	Unit
Surface resistivity	IEC 60093	10 <sup>4</sup>	Ω * cm

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# POM-C



## POLYACETAL COPOLYMER

### Material description

POM-C is a highly crystalline thermoplastic with very good sliding properties and high abrasion resistance. This construction material has an ideal combination of strength, stiffness and toughness. Its excellent impact strength even at temperatures down to -40°C, chemical resistance, high dimensional stability and low-moisture absorption are paired with excellent machinability.

### Conformities

RoHS, REACH

Physical properties	Test method	Value	Unit
Density	DIN EN ISO 1183-1	1.41	g/cm <sup>3</sup>
Water absorption	DIN EN ISO 62	0.2	%
Sliding friction			
Abrasion resistance			

Mechanical properties	Test method	Value	Unit
Yield stress	DIN EN ISO 527	67	MPa
Elongation at break	DIN EN ISO 527	30	%
Tensile modulus of elasticity	DIN EN ISO 527	2800	MPa
Notched impact strength	DIN EN ISO 527	6	kJ/m <sup>2</sup>
Ball indentation hardness	DIN EN ISO 2039-1	150	MPa

Thermal properties	Test method	Value	Unit
Thermal conductivity	DIN 52612-2	0.31	W/(m*K)
Heat capacity	DIN 52612-1	1.5	kJ/(kg*K)
Coefficient of thermal expansion	DIN 53752	110	10 <sup>-6</sup> *K <sup>-1</sup>
Operating temperature short term		140	°C
Operating temperature long term		-50 bis 100	°C
Heat deflection temperature	DIN EN ISO 75 / A	110	°C
Flammability	UL 94, 3 mm	HB	

Electrical properties	Test method	Value	Unit
Volume resistivity	IEC 60093	10 <sup>13</sup>	Ω * cm
Surface resistivity	IEC 60093	10 <sup>13</sup>	Ω * cm
Dielectric strength	IEC 60243	25	kV/mm
Comparative tracking index (CTI)	IEC 60112	600	CTI

These technical data have been determined as average values by our suppliers from many individual measurements. In all measurements, the test specimens were tested in the dry state. We pass on the data with reservation. The table does not claim to be complete or correct. Material technology is subject to constant further development. No rights or guarantees can be derived from it. Own tests are necessary because the environmental and operating conditions (humidity, temperature, mechanical forces, radiation and chemicals, etc.) set limits in the application.