

ZELLAMID[®]
ENGINEERING PLASTIC STOCK SHAPES

ZELLAMID® Description	Product Range	Product colour	Density g/cm ³	Temperature Air °C ¹	Rods in mm	Tubes in mm	Plates in mm
PA 6 – Polyamid 6 extruded							
ZELLAMID® 202	PA 6, unfilled	natural	1,15	-20 – 100	6 – 300	25 – 310	0,3 – 100
ZELLAMID® 202 SW	PA 6, unfilled	black	1,15	-20 – 100	6 – 200	25 – 310	0,3 – 100
ZELLAMID® 202 MO	PA 6 + MoS ₂	black	1,15	-20 – 100	6 – 100	25 – 310	1,5 – 6
ZELLAMID® 202 HV	PA 6, high impact, high viscosity	natural	1,13	-20 – 100	6 – 300	---	---
PA 6 C – Cast Nylon Products							
ZELLAMID® 1100	PA 6 Cast, unfilled	natural	1,15	-20 – 105	20 – 800	50 – 1000	8 – 165
ZELLAMID® 1100 SW	PA 6 Cast, unfilled	black	1,15	-20 – 105	20 – 800	50 – 1000	8 – 165
ZELLAMID® 1100 Oil	PA 6 Cast, Oil	yellow, etc.	1,14	-20 – 105	20 – 800	50 – 1000	8 – 165
ZELLAMID® 1100 MO	PA 6 Cast + MoS ₂	black	1,15	-20 – 105	80 – 800	50 – 1000	8 – 100
ZELLAMID® 1100 T	PA 6 Cast, Tribotype	grey	1,14	-20 – 105	80 – 800	50 – 1000	8 – 165
ZELLAMID® 1100 FR	PA 6 Cast, flame retardent	black	1,15	-20 – 105	20 – 800	50 – 1000	8 – 165
ZELLAMID® 1100 blue	PA 6 Cast	blue	1,15	-20 – 105	20 – 800	50 – 1000	8 – 165
ZELLAMID® 1100 HS	PA 6 Cast, heat stabilized	black	1,15	-20 – 105	20 – 800	50 – 1000	8 – 165
ZELLAMID® 1115	PA 6/12 Cast, high impact	natural	1,13	-20 – 105	80 – 800	50 – 880	8 – 165
ZELLAMID® 1120 FE	PA 6/12 Cast + metal core	natural	---	-20 – 105	80 – 400	---	---
ZELLAMID® 1200	PA 12 Cast	natural	1,03	-20 – 110	20 – 230	20 – 250	8 – 60
PA 6.6 – Polyamid 6.6							
ZELLAMID® 250	PA 6.6, unfilled	ivory	1,15	-20 – 100	6 – 150	25 – 265	2 – 60
ZELLAMID® 250 SW	PA 6.6, unfilled	black	1,15	-20 – 100	6 – 150	25 – 265	8 – 60
ZELLAMID® 250 MO	PA 6.6 + MoS ₂	anthracite	1,15	-20 – 90	6 – 100	25 – 265	8 – 60
ZELLAMID® 250 GF30	PA 6.6 + 30 % Glass fibre	black	1,35	-20 – 150	6 – 160	---	8 – 100
ZELLAMID® 250 PE	PA 6.6 + PE, solid lubricant	light green	1,12	-20 – 90	6 – 150	---	8 – 60
ZELLAMID® 250 HV-Frost	PA 6.6, high impact	natural	1,09	-20 – 100	10 – 100	---	---
POM – Polyoxymethylen							
ZELLAMID® 900	POM-C, unfilled	natural	1,41	-20 – 100	6 – 500	25 – 500	0,5 – 150
ZELLAMID® 900 SW	POM-C, unfilled	black	1,41	-20 – 100	6 – 500	25 – 500	2 – 150
ZELLAMID® 900 blue	POM-C, RAL 5002	blue	1,41	-20 – 100	6 – 500	25 – 500	0,5 – 150
ZELLAMID® 900 PE	POM-C + PE, solid lubricant	light blue	1,34	-20 – 80	6 – 150	---	8 – 100
ZELLAMID® 900 GF30	POM-C + 30 % Glass fibre	natural	1,58	-20 – 100	16 – 150	---	2 – 60
ZELLAMID® 900 AS	POM-C, antistatic	white	1,35	-20 – 90	6 – 160	---	8 – 50
ZELLAMID® 900 XU ELS	POM-C ELS, Nano-Technology	black	1,41	-20 – 80	6 – 150	---	8 – 50
ZELLAMID® 900 XT	POM-C + PTFE, solid lubricant	grey	1,44	-20 – 100	6 – 150	---	8 – 50
PET – Thermoplastic Polyester							
ZELLAMID® 1400	PET, unfilled	natural	1,36	-20 – 100	6 – 200	25 – 210	3 – 100
ZELLAMID® 1400 SW	PET, unfilled	black	1,36	-20 – 100	6 – 150	25 – 210	8 – 60
ZELLAMID® 1400 T	PET, solid lubricant	light grey	1,39	-20 – 110	6 – 160	25 – 210	8 – 100
HPMs – High Performance Materials							
ZELLAMID® 1000	PEI, unfilled	amber	1,27	-20 – 170	6 – 200	---	6 – 100
ZELLAMID® 1000 SW	PEI, unfilled	black	1,27	-20 – 170	6 – 200	---	6 – 100
ZELLAMID® 1500 X	PEEK, unfilled	brown	1,30	-80 – 260	5 – 160	---	3 – 60
ZELLAMID® 1500 XSW	PEEK, unfilled	black	1,30	-80 – 260	5 – 160	---	8 – 60
ZELLAMID® 1500 XC20	PEEK + 20 % Ceramic	white	1,49	-80 – 260	8 – 90	---	10 – 50
ZELLAMID® 1500 XCA30	PEEK + 30 % Carbonfibre	anthracite	1,40	-80 – 260	6 – 80	---	5 – 60
ZELLAMID® 1500 XGF30	PEEK + 30 % Glass fibre	brown	1,51	-80 – 260	6 – 100	---	5 – 80
ZELLAMID® 1500 XT	PEEK, modified	black	1,45	-80 – 260	6 – 100	---	5 – 80

¹ Values for orientation

ZELLAMID[®]

THE BEST CHOICE FOR YOUR
DEMANDING APPLICATIONS

Established in 1949 as a bronze foundry Zell-Metall manufactures since 64 years superior class plastic stock shapes for the machining and fabricating industry. Being part of the Klepsch-Group, we generate US-\$ 300+ million in world-wide sales and employ almost 900 people globally.

Our manufacturing technology is continuously improved in-house and by the Klepsch-Group's research and development company Senco R&D. Over six decades of constantly building and enhancing our extrusion and cast know-how allows us to supply you with virtually center-porosity- and stress-free product in a variety of formulations to cover your demanding needs.

We work hard to earn your business providing you with technical expertise, application knowledge and second to none customer service. Our dedicated team of professional and well-trained experts is here for you to cater to your requirements.

ZELLAMID[®] stock shapes come in the form of rods, plates and tubular bars which are easy to machine and will give you dimensional stable parts. Using our **ZELLAMID[®]** Nylons, Acetals, PETs, PEEKs and others will give you the performance you expect from your supplier and its products.



Drilling



Turning



Sawing



Milling

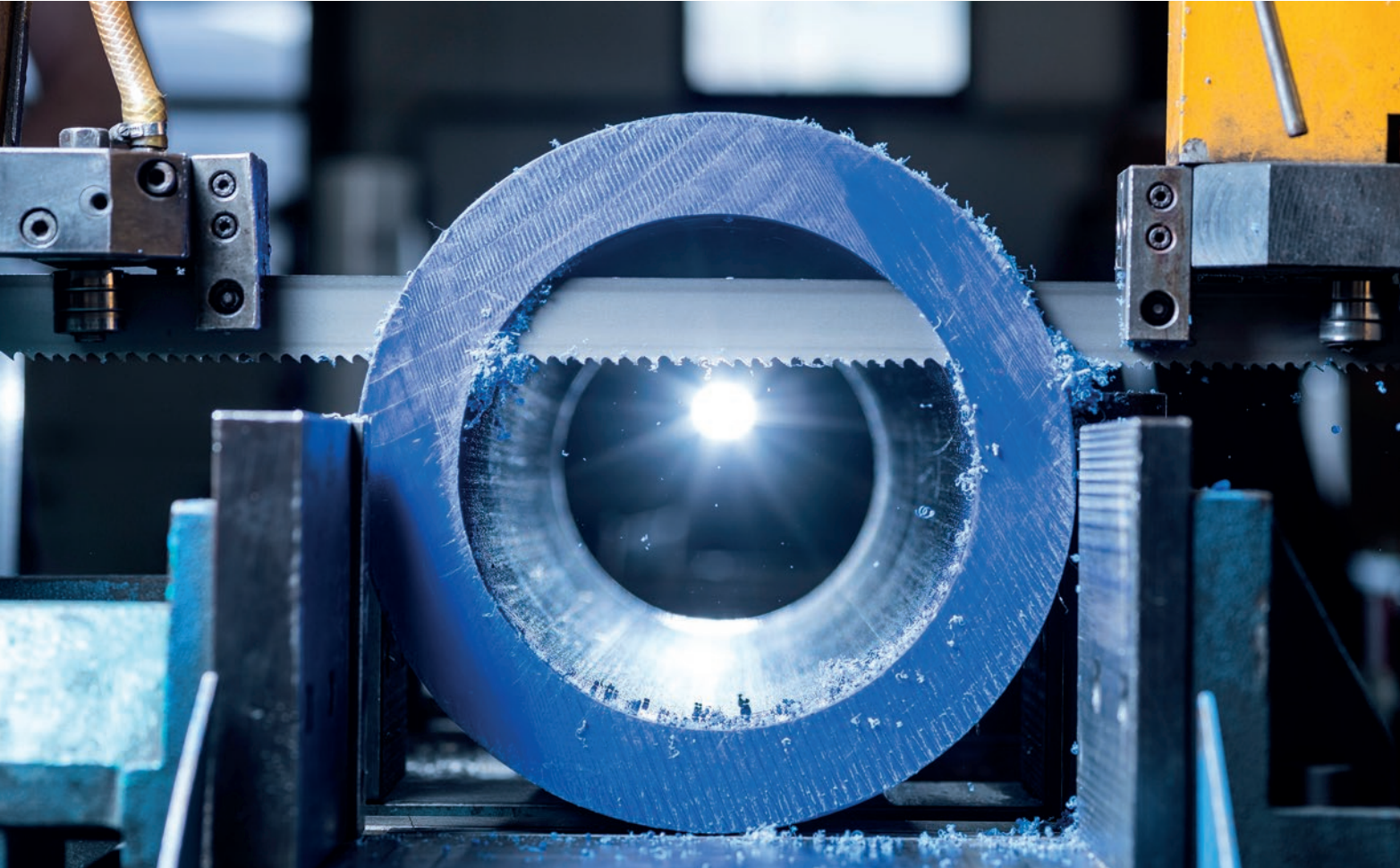
ZELLAMID[®] | 3Ps, SPMs and HPMs

General Purpose Materials are also known as the 3Ps (Polyamide, POM and thermoplastic Polyester). In general these are unfilled polymers.

Special Performance Plastics, also known as SPMs are innovative materials tailored for specific needs, by blending polymers, adding fillers and using break-through technologies in order to advance the performance of general purpose Engineering Plastics.

High Performance Materials, also known as HPMs, are materials which have a temperature resistance of more than 150 °C and in general very similar properties over a broad range of temperatures and chemical environments.

If you buy **ZELLAMID[®]** stock shapes, you will purchase engineering plastic products of the highest quality anywhere. Working with us gives you peace of mind and will make your customers happy!



PREMIUM SERVICE FOR PREMIUM PARTNERS

Your active customer support

ZELLAMID® | PRODUCT FINDER

As a special service for our customers Zell-Metall Engineering Plastics provides a new product finder. The **ZELLAMID®** Product Finder for semifinished goods shows you the **ZELLAMID®** material that matches your application with just a few clicks.

As a result, you will get the best material solution for your application. The properties can be shown in figures, graphs or on datasheets which are easy to understand.

Your benefits:

- ▲ 24-hours availability of actual data sheets
- ▲ print the data sheets
- ▲ compare all **ZELLAMID®** materials
- ▲ get automatic updated material data sheets
- ▲ find the right **ZELLAMID®** product quickly

Please register at:

ZELLAMID.com/en/pim/finder

📄 How to use the Product Finder:

1 Login on ZELLAMID.com

Login with your user account under **ZELLAMID.com**.

2 Selection of requirements

Select your desired requirement with the drop down menu.

3 Compare all materials

After you have defined your criteria, the materials can be compared.

4 Visualization of the results

The properties can be shown in figures, graphs or on datasheets.

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Please ask for our **GENERAL CATALOGUE**
or download it from the Infocenter on our website:
www.ZELLAMID.com/en/infocenter/downloads



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