



## For high-quality applications

ELIX POLYMERS is a leading manufacturer of ABS (Acrylonitrile-Butadiene-Styrene) resins and derivatives in Europe. Operating from its head office in Tarragona, Spain, and with sales support teams in all key markets, the company is a specialist provider of tailor-made solutions for high-quality thermoplastics applications. With a 40-year track record, ELIX POLYMERS is an expert in ABS polymers, and has the resources, the expertise and the experience to create value for its customers through highly individual solutions.

ABS grades are produced in the emulsion process. With the controlled manufacturing process a variety of material grades can be produced. Due to the good and homogeneous butadiene particle distribution, e.g. the chrome plating grades provide a high surface quality for an optimal chrome adhesion.

With the products from ELIX POLYMERS K.D. Feddersen offers a wide range of material solutions for a variety of industries and applications and meets the requirements of the automotive, appliance and electronics industry as well as those of other segments.

## Characteristics

- Opaque
- High gloss
- High impact strength
- High rigidity
- Good flowability
- Heat resistance up to 113 °C according Vicat B50
- Excellent dimensional stability

## People. Think. Plastics.

We continuously think about plastic solutions for applications in ABS. Benefit from our application-technical support. We aim to meet your requirements with the right material, service and customised logistics concepts.

## We are here for you

Do you need a solution using ABS for your application? Then get in touch with us and we will drive your project forward.

## Product series

- **ABS GENERAL PURPOSE**  
Easy flowing with good mechanical properties
- **ABS ELECTROPLATING**  
High surface quality for optimum chrome adhesion
- **ABS SPECIALTIES**  
With special and improved properties
- **ABS EXTRUSION**  
For plate and profile extrusion
- **ABS MEDIUM HEAT**  
Improved heat resistance
- **PC MODIFIED**  
Reduced emissions with high heat and impact resistance
- **ABS HIGH HEAT**  
Low-emission and low-odour high-temperature ABS



## Varied colors

ELIX<sup>®</sup> ABS is available in natural and black. Many grades are also available in RAL- or automotive colors. If you would like to know more, then please get in touch with us.

Product series	Polymer	Grade	Melt volume-flow rate MVR 220 °C/10 kg [cm <sup>3</sup> /10 min] ISO 1133	Vicat softening temperature 50 N, 50 °C/h [°C] ISO 306	Tensile modulus 1 mm/min [MPa] ISO 527-1,-2	Izod notched impact strength 23 °C [kJ/m <sup>2</sup> ] ISO 180-1A	Izod notched impact strength -30 °C [kJ/m <sup>2</sup> ] ISO 180-1A
ABS GENERAL PURPOSE	ABS	CADON CG 28	14	93	1,600	28	21
ABS GENERAL PURPOSE	ABS	ELIX <sup>®</sup> M220	32	95	2,300	18	12
ABS GENERAL PURPOSE	ABS	ELIX <sup>®</sup> P2H-AT	37	98	2,500	16	7
ABS SPECIALTIES	ABS	ELIX <sup>®</sup> P2M-V	18	97	2,300	22	11
ABS ELECTROPLATING	ABS	ELIX <sup>®</sup> P2MC	25	95	2,200	23	12
ABS ELECTROPLATING	ABS/PC	ELIX <sup>®</sup> ULTRA HH 4115 PG	14 (260 °C/5 kg)	113	2,000	58	41
ABS MEDIUM HEAT	ABS	ELIX <sup>®</sup> H605	25	101	2,400	17	7
PC MODIFIED	ABS/PC	ELIX <sup>®</sup> H801	9	105	2,400	30	12
PC MODIFIED	ABS/PC	ELIX <sup>®</sup> ULTRA 4105	14 (260 °C/5 kg)	106	2,000	42	34
PC MODIFIED	ABS/PC	ELIX <sup>®</sup> ULTRA 4115 HI	14 (260 °C/5 kg)	113	2,000	58	41
ABS HIGH HEAT	ABS	ELIX <sup>®</sup> HH 3110	12	108	2,300	15	11
ABS HIGH HEAT	ABS	ELIX <sup>®</sup> HH 3114	9	112	2,200	13	8

Further products and information on request.

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