

 **ACTEGA**



SOFT EST.[®] – THE ESTABLISHED TPE

Flexible application,
precise results

A member of  **ALTANA**

Our brand is our claim

In the form of SOFT EST.[®], ACTEGA DS offers tried and tested thermoplastic elastomers (TPE) for applications in the consumer goods market. Under this brand, we bundle our decades of expertise in the area of manufacturing TPE granulate and developing sophisticated TPE formulations for highly-regulated markets.

SOFT EST.[®] TPE represents an extensive portfolio of flexible TPE compounds perfected for injection-molding.



Reliability of supply

We supply customers from over 100 countries around the world and guarantee swift and reliable delivery. Whether by land, sea or air – we get your order to you on time.



Cost efficiency

As an experienced expert in your sector, we offer both standard and special products for niche markets, enabling us to offer you application-optimized and economical solutions.



Prudence

Our reliable products comprise purely food-safe raw materials. We focus on collaboration based on mutual trust enabling you to enjoy safety in every regard.



Saving time

With SOFT EST.[®], we already have the solution for you, enabling you to do one thing in particular: save time! Your permanent personal contact also ensures that your projects run swiftly and smoothly.

With the very best features for any situation

ACTEGA DS knows that you need something to give your product a certain edge. Our tried and tested portfolio of TPEs, all of which comply with specific market regulations, offers you an extensive range of functions.

With SOFT EST.® TPEs, your end product is attributed an upgraded look which attracts attention in the market while our materials act as flexible plastics with a convincing grip and leakproofness.



Good grip

- Strong and secure hold
- hard/soft combination
- Ergonomic
- Non-slip



Leakproof

- Prevents transfers by odors, flavors and materials
- Prevents contamination thanks to tight and leakproof seal
- Increases the shelf life



Attractive

- Improves product perception
- Design through shape and color
- Visual upgrade by decorative elements



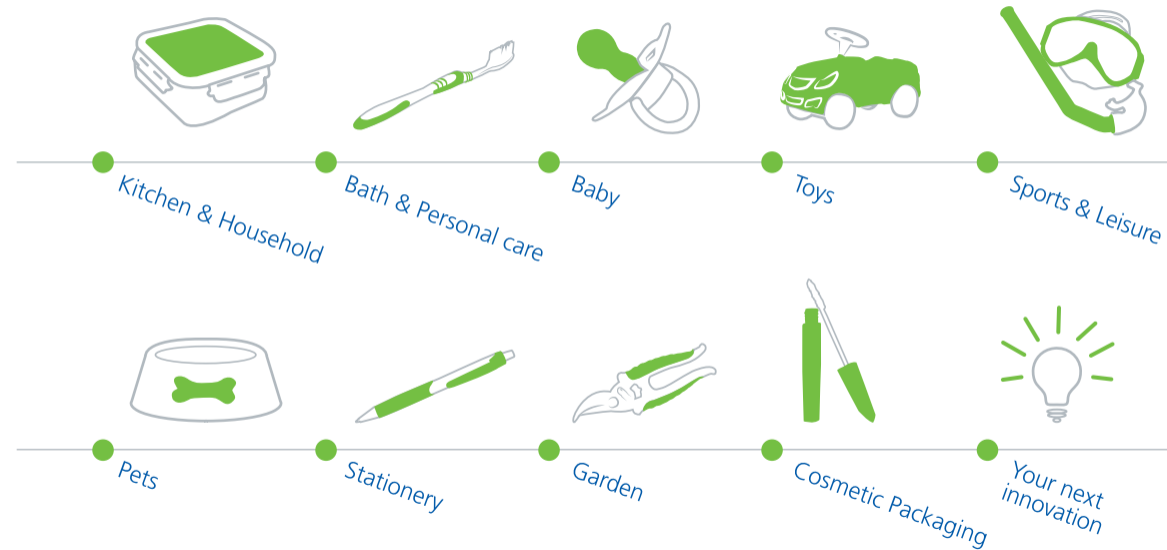
Tried and tested

- Food-safe according to EU 10/2011 & FDA
- Safe for toys (EN 71-3)
- Dishwasher-safe
- Free of PVC and phthalates

Tailored for your application

In the form of SOFT EST.[®], ACTEGA DS has created a range of TPE products which are specially tailored to the demands of manufacturers of consumer goods applications. With our experience and competence in TPE plastics, we help to ensure that your next product innovation soon makes its mark on the market.

Discover the areas of application in which SOFT EST.[®] is the preferred material solution.



Comprising a total of 22 TPE materials, the SOFT EST.® portfolio offers ultra-transparent, translucent and natural-colored versions in Shore hardnesses ranging from A-20 to A-85.

Product	Shore hardness	Density [g/cm ³]	Tensile strength [MPa]	Elongation at break [%]	Tensile strength at 100 % elongation [MPa]	Appearance
SOFT EST.® 1150 TP	A-50	0,95	6,6	400	4,8	transparent
SOFT EST.® 1160 TP	A-60	0,95	8,1	330	6,1	transparent
SOFT EST.® 1170 TP	A-70	0,96	10,2	300	7,8	transparent
SOFT EST.® 1180 TP	A-80	0,97	11,6	270	9,0	transparent

SOFT EST.® 2130 TL	A-30	0,89	1,7	410	1,2	translucent
SOFT EST.® 2140 TL	A-40	0,89	2,2	320	1,8	translucent
SOFT EST.® 2150 TL	A-50	0,89	2,9	440	1,8	translucent
SOFT EST.® 2160 TL	A-60	0,89	3,5	410	2,4	translucent
SOFT EST.® 2170 TL	A-70	0,89	4,8	430	3,3	translucent
SOFT EST.® 2180 TL	A-80	0,89	6,7	490	4,4	translucent

Product	Shore hardness	Density [g/cm ³]	Tensile strength [MPa]	Elongation at break [%]	Tensile strength at 100 % elongation [MPa]	Appearance
SOFT EST.® 3120 NC	A-20	1,02	1,0	390	0,7	natural
SOFT EST.® 3130 NC	A-30	1,02	4,0	800	1,1	natural
SOFT EST.® 3140 NC	A-40	1,02	4,9	780	1,4	natural
SOFT EST.® 3150 NC	A-50	1,02	6,0	770	1,7	natural
SOFT EST.® 3160 NC	A-60	1,02	6,6	720	2,2	natural
SOFT EST.® 3170 NC	A-70	1,02	7,5	660	3,1	natural
SOFT EST.® 3180 NC	A-80	1,02	8,7	640	4,0	natural
SOFT EST.® 4145 NC	A-45	1,18	3,9	720	1,3	natural
SOFT EST.® 4155 NC	A-55	1,18	4,3	660	1,6	natural
SOFT EST.® 4165 NC	A-65	1,18	5,2	620	2,2	natural
SOFT EST.® 4175 NC	A-75	1,18	5,7	600	2,8	natural
SOFT EST.® 4185 NC	A-85	1,18	7,1	530	4,1	natural

About us – ACTEGA DS GmbH

ACTEGA DS is regarded as the world's leading manufacturer of TPE granulate for highly-regulated markets. Integrated in the global structure of the ALTANA Group, we are part of the ACTEGA Coatings & Sealants division. With 40 years of experience, ACTEGA DS produces flexible plastics for special markets in the foodstuffs and consumer goods industry as well as in the medical and pharmaceutical industry. With maximum quality standards, we develop tailored solutions and therefore a competitive advantage for our customers.

We look forward to supporting you in discovering your next innovation.

Technical support and service

- On-site support, e.g. for sampling and market launch
- Outstanding expertise in the area of polymer chemistry and plastics technology
- In-house technical center with injection-molding machines and sophisticated application technology
- Access to a global service network of experienced experts

Quality and sustainability

- Establishment of various management systems (ISO 9001; ISO 14001; ISO 22000; ISO 50001)
- Adherence to maximum demands on quality, purity, cleanliness and hygiene
- Utilization of synergies thanks to the global structure of the ALTANA Group
- Comprehensive consulting for sustainable results

Development

- High degree of competence in TPE compositions
- State-of-the-art equipment and chemical analytics
- Tailored solutions
- 5-6 % of revenue is invested in R&D



**If you are interested in our PROVAMED® TPE portfolio
for medical technology and pharmaceutical applications, please contact us!**

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