



EPP and **EPS**
new standards in furniture production



EXPANDED MATERIALS

– light, flexible, strong and 100% recyclable. Expanded materials have revolutionised many branches of production, including the furniture industry. They are successfully replacing items made of metal and wood, bringing high added value.

WHY ARE EPP PARTS SO VERSATILE?



Massive importance of low weight. EPP furniture components are 40 times lighter than metal – therefore, they are very practical and ergonomic. This low weight makes carrying in and setting up one's furniture inside a home much easier.

Flexible design. Expanded polypropylene allows extraordinary freedom to design forms and shapes which are unattainable with metal bending technology. At Knauf Industries, we design and manufacture reliable components for sofas, armchairs, seats and other furniture. Thanks to overmolding technology, we can combine metal structural components with EPP foam.

Resistance of a bumper. Expanded polypropylene is an extremely durable material – used extensively in the automotive industry. Furniture components made of EPP function flawlessly without any deformation or damage.

Environmentally friendly. EPP material is fully recyclable. In addition, thanks to its low weight, CO₂ emissions are reduced during transport. It is, therefore, the material of the future - and not only in the furniture industry. What's more, there are REPP (recycled EPP) grades of the material available which can contain from 25% up to 100% of recycled content.

BENEFITS OF USING EPP

- significantly reduces the weight of furniture
- allows the components to be formed into any desired shape
- the parts are robust and resistant – for years
- recyclable material
- reduces CO₂ emissions thanks to low transport weight



EPS BEADS PERFORM ALL TASKS PERFECTLY.

DIVERSITY. The polystyrene granules offered by Knauf Industries come in a variety of sizes, allowing them to be used in different types of seating and backrests.

LIGHTWEIGHT AND PRACTICAL. Thanks to the extremely low weight of the filler, all furniture incorporating EPS beads can be moved comfortably and easily from place to place.

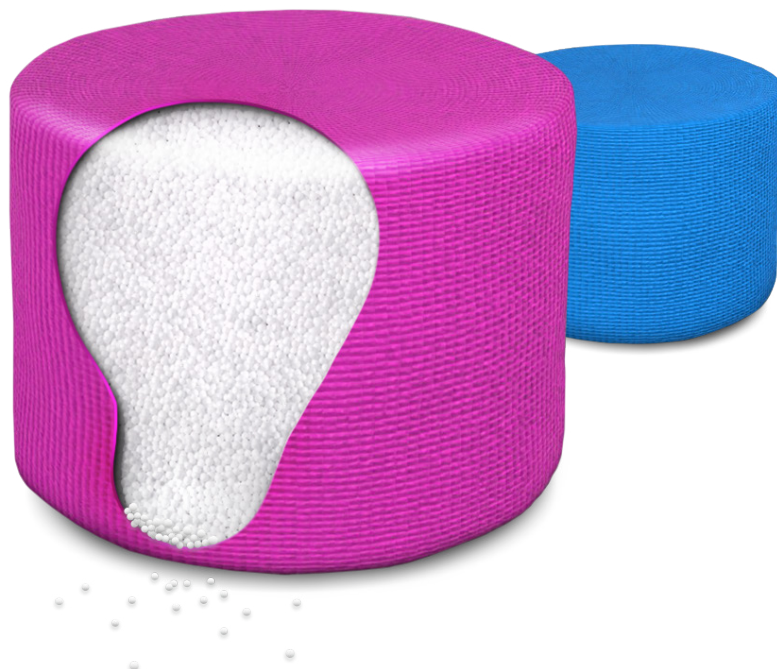
PLASTICITY. The beads can easily find their way into hard-to-reach nooks and crannies, filling them perfectly. This offers a wide range of design possibilities, and the creation of a piece of furniture - even one with fancy forms – that retains its perfectly contoured shape.

PURE COMPOSITION. These contain no impurities or harmful substances. They are certified for quality and hygiene.

RESILIENCE. The subtle shifting of the beads under a person's weight while sitting on a pouffe or sofa adds to the furniture's characteristics of extraordinary comfort.

RELIABILITY OF FORM. The granulate retains its volume and shape for many years, which translates into long-lasting furniture functionality and comfortable use.

BEAUTY AND AESTHETICS. The soft parts are perfectly filled, extending the design possibilities, and making the effect perfectly aesthetic.



WE IMPROVE OUR PRODUCTS **TOGETHER**

At Knauf Industries, we are committed to growth, innovation and protecting the planet. Our new quality products and services to facilitate logistics design and production have resulted in a great deal of industrial cooperation - also with customers in the furniture industry. We have extensive knowledge and expertise in finding creative solutions for

the use of plastics. Together with customers from various industries, we rationalise their production processes and products in terms of quality, functionality and ecology.

We create innovative products tailored to the individual needs of our customers.

WE LOOK FORWARD TO WORKING WITH YOU

KNAUF INDUSTRIES

ZA - F.68600 WOLFGANTZEN
www.knauf-industries.com

Poland:

Marcin Zawadzki
tel.: +48 667 662 216
marcin.zawadzki@knauf.com

Germany:

Vertriebsstandort Siegen
+49 271-38681314
manuela.cerniglia@overath.com

France:

info-industries@knauf.com

