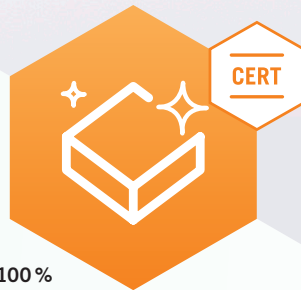


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100%
VIRGIN MATERIAL

RECYCLABLE



BASF

Infenergy®

Expanded thermoplastic polyurethane (E-TPU) for the cushioning and base layer of fall protection surfaces

Infenergy® is a high-quality system component for the cushioning layer in fall protection surfaces. The Infenergy® beads used in the cushioning layer are elastic like rubber, but are lighter. The closed-cell particle foam combines low weight with a high continuous load-bearing capacity. Perfect for sports and leisure applications.



Consistent
Safety



Weatherproof



Sustainable and
economical



Sensible use of resources
in the long term



Eco-friendly



Recyclable



Barrier-free



100%
VIRGIN MATERIAL



RECYCLABLE

» Product information

Property	Unit	Value ¹
Product name	32-100 U10	
Bead size	mm	5.5 – 6.0
Bead weight	mg	32 ± 6
Bulk density (± 10 %)	g/l	110
Polymer base	Polyurethane	
Colour	whitish	

» Environmental and health testing

EN 71-3 Meets the requirements of the toy safety norm regarding the migration of certain elements.

PAH (REACH) Meets the requirements of the REACH Regulation (EC) No. 1907/2006, Annex XVII, entry 28. In addition also meets the requirements of entry 50, supplemented by Regulation (EC) No. 1272/2013 (valid since 27.12.2015), are complied with.

¹ Technically conditioned property and colour deviations and manufacturing-related variations as well as innovations and technical changes are reserved. Products shown may differ in their composition from the actual product.

* REACH Regulation Annex XVII, entry 50

» Usage

Infinergy® 32-100 U10 is designed for use in the cushioning/base layer of synthetic fall protection surfaces and sports systems manufactured in-situ. Pourable surfaces with Infinergy® 32-100 U10 are usually produced with a one-component PUR binder. The binder ratio may vary depending on the application and the layer thickness of the system.

» Storage

Infinergy® 32-100 U10 must be protected from weather effects (rain, snow, frost, sun) and from excessive mechanical impact. The usual storage precautions for flammable material apply, i.e. keep away from open fires, welding sparks, electric sparks and other sources of inflammation. Do not smoke.

» Environment and recycling

Infinergy® is compliant with the RoHS Directive and, according to Regulation (EC) No. 1272/2008 (CLP Regulation), is not subject to labeling requirements under the German Hazardous Substances Regulation. Information on other directives, e.g. GADSL, is available on request. Infinergy® is recyclable and must be handled in accordance with its safety data sheet.

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