

Elastopan[®] Light Sports

Extremely light,
high resilience,
outstanding
durability



 **BASF**
We create chemistry

Elastopan® Light Sports is a polyether-based PU system for light midsoles sports footwear

- Elastopan® Light Sports is a polyether system designed for sports shoes midsoles with high resilience.
- Elastopan® Light Sports is lighter than a standard PU system for midsoles.
- Elastopan® Light Sports combines excellent comfort with outstanding durability, thanks to lightness and hydrolysis resistance.
- Elastopan® Light Sports does not require special production technology: that means, it can be processed with standard footwear industry casting and injection machines in order to produce soles and shoes.
- Elastopan® Light Sports is water blown PU and environment-friendly.



Properties	Unit	Measured value	Method
Mold density	g/cm ³	>0.3	DIN 53 420
Hardness	Asker C	>44	ASTM D 2240
Tensile strength	MPa	> 1.9	DIN 53 504
Elongation	%	>400	DIN 53 504
Tear strength	N/mm	>5	ASTM D 624 DIE-C
Rebound resilience	%	>50	DIN 53 512
Vertical rebound resilience	%	>55	ASTM D 2632

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. (February 2016)