



Elastopan[®] Light Midsole

Extremely light,
outstanding
durability

 **BASF**
We create chemistry

Elastopan® Light Midsole is a polyester-based PU system for light midsoles in casual and sports footwear

- Elastopan® Light Midsole is approximately 40% lighter than a standard PU system for midsoles.
- Elastopan® Light Midsole combines excellent comfort with outstanding durability, thanks to lightness and hydrolysis resistance.
- Elastopan® Light Midsole 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 Midsole is water blown PU and environment-friendly.



Properties			Method
Mold density	g/cm ³	0.3	ISO 845:2009-10
Hardness	Shore A	40	ISO 868:2003
Tensile strength	N/mm ²	3	ISO 22654:2002
Elongation at break	%	280	ISO 22654:2002
Tear strength	N/mm	4	ISO 20872:2001
Split tear	N/mm	2.6	ASTM D 3574 Test F
Retention of tensile strength after 7 days hydrolysis, 70°C, 100 RH	%	>90	ISO 22654:2002

RH = relative humidity

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. (January 2015)