

Technical data:

Colours	anthrazite*	
Density	33 ± 4 kg / m³	according to ISO 845
Cell size	0.4 – 0.7 mm	internal
Elongation at break	ca. 120 %	according to ISO 1926
Tensile strength	ca. 170 kPa	according to ISO 1926
Compression strength at 10 % compression	45 kPa	according to ISO 844
25 % compression	55 kPa	
50 % compression	110 kPa	
Compression set 30 min recovery	12 %	according to ISO 1856-B, 25 %, 22 h
24 h recovery	3 %	
Shore hardness 00	48	internal
Max. water absorption after 28 days	1 Vol. %	DIN 53428
Max. Temperature stability	+ 100 °C	internal
Temperature range of use	- 40 °C to + 80 °C	standard data PE
Thermal conductivity at 10 °C	0.035 W/(m·K)	ISO 2581
at 40 °C	0.038 W/(m·K)	
Flammability, thickness 10 mm	≤ 100 mm / min	ISO 3795

* Colours green, yellow, blue, and red are possible on request.

Microlen PE 30 V can be made self-adhesive on one or two sides according to your request.

Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This Technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2024. Please request the latest version after Jan. 01, 2025.

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