



## TDS Technical Data Sheet

Properties	Norm	Value	Unit
Material base	ISO 1629	Ethylene vinyl acetate copolymer (EVA)	
General description	without standard / closed-cell, soft-elastic EVA foam		
		Cell size ≤ 0.4 mm	
Density	ISO 845	45 ± 6	kg/m <sup>3</sup>
Application temperature	without standard	-40 +80	°C
Dimensional stability (at 75 °C)	internal test	≤ 5	%
Outdoor exposure	ISO 877-1	Slight embrittlement of the surface	
Ozone resistance	ISO 1431-1	Resistant to cracking (0)	
Compression set (22 h at 23 °C)	ISO 1856		
(0,5 h after recovery )		≤ 20	%
(24 h after recovery )		≤ 12	%
Compression deflection	ISO 3386		
25 % compression	≤ 50 kPa 1 st Cycle	≤ 40 kPa 4 th Cycle	
50 % compression	≤ 120 kPa 1 st Cycle	≤ 100 kPa 4 th Cycle	
Water uptake	ISO 7214	≤ 10	%
Tensile strength	ISO 1798	≥ 500	kPa
Elongation at break	ISO 1798	≥ 250	%
Young's Modulus	internal test	≥ 3	kPa
Tear resistance	ISO 8067	≥ 20	N/cm
Rebound resilience	ISO 4662	60 ± 5	% at 0,2 J pendulum
Shore hardness	ISO 868	40 ±56	Shore 00
Electrical conductance	EN 61340	> 1,0	TΩ
Thermal conductivity	ISO 8302	≤ 0,04	W/mK

General dimensional tolerances for sheet and sheet products comply with DIN 7715 P3, dimensional tolerances for the block material may differ.

Acids and bases in common concentrations, water, sea water, saline solution, alcohol, acetone, carbonic acid, alum aqueous, detergent, photographic chemicals, silicone oil and grease, oils, greases. Fuels, cellulose thinners, aromatic and chlorinated hydrocarbons (solvents) can cause reversible swelling.

not recommended - Chlorine and chlorine gas, concentrated nitric and sulphuric acid.

Suggestions for disposal - It does not contain hazardous compounds such as cadmium, lead, CFCs, formaldehyde, etc. which require compliance to waste disposal regulations from 27/04/2009. Under the observance of local waste disposal regulations, it may therefore be disposed of as household waste on landfills or domestic waste incineration plants.

The information were thoroughly determined, liability is excluded. The above given information does not release the user from own tests. Detailed information can only be obtained after formal testing in individual cases.