

Technical data sheet

XPE 100

Density	ISO 845	kg/m ³	100±10
Tensile Strength	ISO 1798	kPa	>960
Tensile Elongation	ISO 1798	%	>100
Compressive Strength <i>deflection 10%</i> <i>deflection 25%</i> <i>deflection 50%</i>	ISO 3386/1	kPa	>160 >180 >270
Compression Set 22 h charge, 23 °C deflection 25% 0.5 h after discharge 24 h after discharge	ISO 1856	% %	≤9 ≤5
Thermal Conductivity <i>at 10 °C</i> <i>at 40 °C</i>	DIN 52612	W/mK	0,055 0,056
Working Temperature Range	ISO 2796	°C	-40/+90
Dimensional Stability	ISO 2796	%	<5%
Water Absorption (28 days)	DIN 53428	vol.%	≤1
Specific Volume Resistance	DIN 60093	Ωcm	≥10E15
Shore Hardness 00	internal	-	>28
Horizontal Burn Rate	FMVSS-302	mm/min	<100

This information is presented to our best knowledge. All test data are average values and should be considered as guidelines only.

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