

Product designation: XVA 100

Property	Indicative value	Unit	Test Standard
Density	100 ± 10	kg/m ³	ISO 845
Tensile Strength	> 990	kPa	ISO 1798
Tensile Elongation	> 165	%	ISO 1798
Compressive Strength			
deflection 10%	> 80		
deflection 25%	> 110	kPa	ISO 3386/1
deflection 50%	> 200		
Compression Set			
23 °C, 22 h charge, deflection 25%			
0.5 h after discharge	≤ 10	%	ISO 1856
24 h after discharge	≤ 5		
Thermal Conductivity			
at 10 °C	0,051		
at 40 °C	0,052	W/mK	DIN 52612
Working Temperature Range	-40/+65	°C	ISO 2796
Dimensional Stability	< 5%	%	ISO 2796
Water Absorption (28 days)	≤ 1	vol. %	DIN 53428
Specific Volume Resistance	≥ 10 ¹⁵	Ωcm	DIN 60093
Shore Hardness A	> 18	-	internal
Horizontal Burn Rate	< 100	mm/min	FMVSS-302

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

Release date: 01. September 2010