

**Datasheet**  
PE schuim grijs/wit

<b>MATERIAL:</b>	<b>Polyethelene foam</b>
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Physical properties	Unit	Value	Standard
<b>Hardness</b>	° Shore 00	17/50	-
<b>Tensile strength</b>			ISO 1926
- lengthwise:	kPa	400	
- crosswise:	kPa	265	
<b>Tensile elongation</b>			ISO 1926
- lengthwise:	%	130	
- crosswise:	%	125	
<b>Density</b>	Kg/m <sup>3</sup>	33	ISO 845
<b>Compressive Strength</b>			ISO 844
- deflection 10%:	kPa	19	
- deflection 25%:	kPa	40	
- deflection 50%:	kPa	105	
<b>Compression set</b>			ISO 1856-C
22h charge, 23°C			
deflection 25%			
0,5h after discharge	%	20	
24h after discharge	%	10	
<b>Thermal Conductivity</b>			ISO 2581
- at 10°C:	W/mK	0.034	
- at 40°C:	W/mK	0.039	
<b>Working temperature range</b>	°C min/max	-80 / +100	Internal
<b>Colour</b>		Grey / White	
<b>Water Absorbtion (7 days)</b>	vol. %	<1	Internal
<b>Water Vapour Transmission</b>	g/m <sup>2</sup> x 24h	-	ISO 1663
<b>μ-value (23°C,0-85 r.h.)</b>	-	-	ISO 1663