



## AL812 – 100/125kg Fast Recovery PVC Foam

PROPERTY	AVERAGE VALUE
Density	100 – 125 kg/m
Compression Set	<20 %
Shore Hardness OO Scale	7-30
Elongation at Break	> 120 %
Temperature Range (Constant)	- 30 °C / + 60 °C
Temperature Range (Intermittent)	+ 70 °C
Tear Strength	>0.7 N/mm
Waterseal Compression	> 90 %
Flame Resistance (> 6mm)	FMVSS302 - Pass
Environmental Protection	CFC & HCFC Free

*The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, Alanto Ltd does not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information.*

*We recommend evaluation prior to use to ascertain the suitability of the material for the application.*

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## AL820 – 200 kg/m<sup>3</sup> Fast Recovery PVC Foam

PROPERTY	SPECIFICATION	AVERAGE VALUE	UNIT
Density		180 - 220	Kg / m <sup>3</sup>
Tensile Strength	DIN 53571	> 279	kPa
Elongation at Break	DIN 53571	> 125	%
Compression Set (50%/23°C/72Hrs)	DIN 53572	< 30	%
Compression Deflection 10%	ASTM 1667	20 - 30	kPa
Compression Deflection 25%	ASTM 1667	80 - 120	kPa
Shore Hardness		25 - 42	
Water Absorption		< 11	%
Compression Water Seal (U-Test)		> 20	%
Flammability	FMVSS302	<100mm >4mm	mm / min
Temperature Range		- 30 / +80	°C

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