



30 kg/m³ CLOSED CELL POLYETHYLENE FOAM

MATERIAL SPECIFICATION SHEET

Property	Test Standard	Units	Typical Values
Density	ISO 845	Kg/m ³	30
Tensile Strength	ISO 1798	kPa	282
Elongation	ISO 1798	%	189
Compression 10%	ISO 844	kPa	44
Compression 25%	ISO 844	kPa	62
Compression 50%	ISO 844	kPa	122
Compression Set - 0.5Hrs	ISO 1856	%	12
Compression Set – 24Hrs	ISO 1856	%	4
Compression Set 50% - 0.5Hrs	ISO 1856	%	28
Compression Set 50% - 24Hrs	ISO 1856	%	16
Working Temperature Range	Internal	°C	-60 to +90
Water Absorption % Vol (Max)	Internal	%	1
Water Vapour Transmission	ISO 1663	g/m ² *24h	1.3
Thermal Conductivity at 10°C	ASTM C177	W/mK	0.0390
Thermal Conductivity at 40°C	ASTM C177	W/mK	0.0410
Shore - OO	ASTM D2240	OO	54
Flammability	FMVSS302	Mm/min	55

ALL DATA BASED ON A 10MM THICK SAMPLE.



ISO 9001:2015 Q93057 ISO 14001:2015 EMS 505718

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