

**TYPICAL PROPERTIES OF  
MC-1900PE MICROCELL®**

POLYMER

CROSS-LINKED POLYETHYLENE

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D3575	psi kPa	7 - 11 103 - 138
DENSITY	ASTM D3575	pcf kg/m <sup>3</sup>	1.5 - 2.0 24 - 32
WATER ABSORPTION	ASTM D1667	lb/ft <sup>2</sup> OF CUT SURFACE	.05
TENSILE STRENGTH	ASTM D3575	psi kPa	49 338
ELONGATION MINIMUM	ASTM D3575	%	150
TEAR RESISTANCE	ASTM D3575	lbs./in. N/mm	9 1.6
COMPRESSION SET	ASTM D3575	%	<20
COLOR	N/A	N/A	NATURAL / BLACK / GREY

**PRODUCT CHARACTERISTICS:**

**RESILIENT**

**FINE CELL STRUCTURE**

**LOW WATER ABSORPTION**

**GOOD MECHANICAL STRENGTH**

**EXCELLENT CHEMICAL RESISTANCE**

**EASILY FABRICATED**

This information is furnished as a guide for selecting materials. Rubberlite Inc. disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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