

TYPICAL PROPERTIES OF  
**MICROCELL® MC1900**

POLYMER

CROSSLINKED POLYETHYLENE

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	TYPICAL PROPERTY
DENSITY	ASTM D3575	pcf Kg/m <sup>3</sup>	2 32
COMPRESSION DEFLECTION 25%	ASTM D3575	psi kPa	9 62.1
COMPRESSION DEFLECTION 50%	ASTM D3575	psi kPa	18 124.1
TENSILE STRENGTH	ASTM D3575	psi kPa	63 434
ELONGATION	ASTM D3575	%	200
TEAR STRENGTH	ASTM D3575	lb/in	12
COMPRESSION SET 50%	ASTM D3575	%	20
WATER ABSORPTION	ASTM D3575	lb/ft <sup>2</sup>	.05
COLOR	N/A	N/A	NATURAL/ BLACK/ GREY

SPECIFICATIONS
Ford ESA-M8G653-A Ford WSK-M4D649-A Chrysler MS-AY512 Type 1 General Motors GM6075M Type 1 <b>Contact customer service for exceptions.</b>
FLAMMABILITY SPECIFICATIONS
FMVSS-302.....PASS .250" or Thicker
ADDITIONAL INFORMATION
Service Temperature                   -110 °F to 220 °F Thermal Conductivity                 .25 Btu-in/hr-Ft <sup>2</sup> - °F

For updates to this document, please refer to our website or contact customer service.

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.

P.O. BOX 2965 HUNTINGTON, WEST VIRGINIA 25728  
TELEPHONE (304) 525-3116 • FAX (304) 523-4316  
WWW.RUBBERLITE.COM

Issue Date: 3/5/12

