



# Technical Data Sheet

MC1900

Microcell Cross-Linked Polyethylene Foam

## Specifications

- Closed Cell
- Fine Cell Structure
- Excellent Chemical Resistance
- Applications include Gaskets, Expansion Joints, Shock Absorption and Packaging
- Available in Natural, Grey and Black

## Physical Properties

Physical Property	Test Method	Unit	Value
Density	ASTM D3575	PCF	2
Compression Deflection 25%	ASTM D3575	PSI	9
Compression Deflection 50%	ASTM D3575	PSI	18
Tensile Strength	ASTM D3575	PSI	63
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
Flammability	FMVSS-302		PASS .25" or Thicker
Service Temperature		°F	-110 to 220
Thermal Conductivity		Btu-in/hr-ft <sup>2</sup> -°F	.25

PLEASE NOTE THAT ALL DATA SHEETS ARE SUPPLIED BY LAMATEK, INC. WITH THE UNDERSTANDING THAT THE PURCHASER MUST DETERMINE THE SUITABILITY OF A PARTICULAR PRODUCT FOR ITS INTENDED PURPOSE. UNLESS OTHERWISE STATED, LAMATEK, INC. CANNOT WARRANT PRODUCTS IN THEIR APPLICATION.