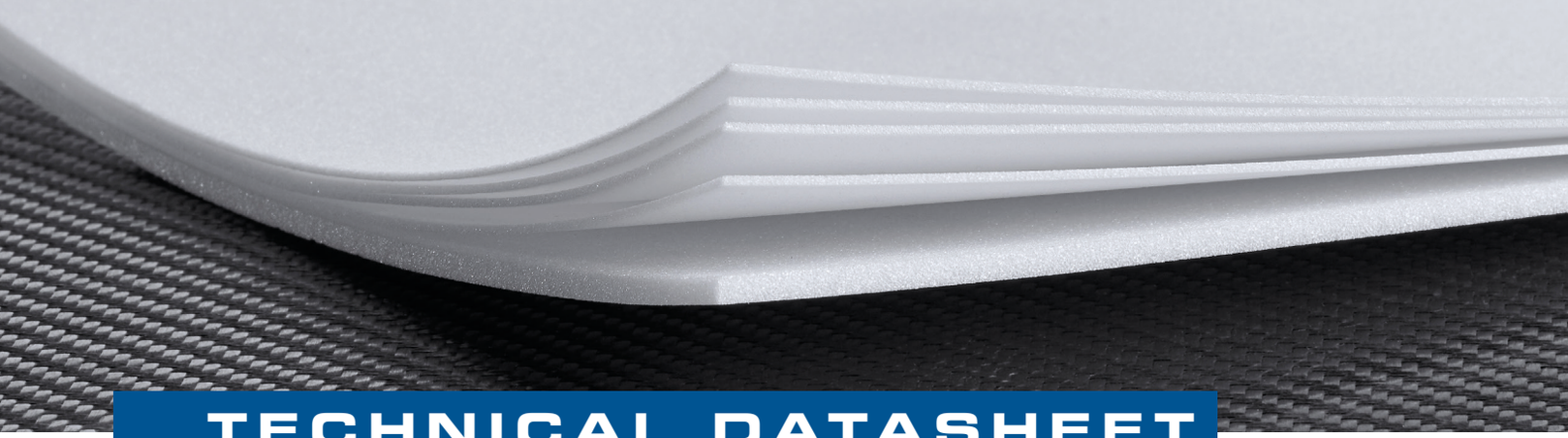

TECHNICAL DATASHEET

MILLIFOAM MAR80M

MILLIFOAM® MAR80M is a closed-cell, rigid polymer foam based on polyvinylchloride (PVC) chemistry and contains no CFC's. It is suitable for all sandwich composite applications and has DNV-GL certifications. This self-extinguishing foam offers excellent chemical resistance, thermal insulation capabilities and negligible water absorption.

Polymer	PVC	Sheet Size	2180 x 510 mm
Thickness range	0.5-4.0 mm	Supplier	Maricell SRL

MILLIFOAM® MAR80M is compatible with Polyester, Vinyl Ester and Epoxy Resins. The application range is very wide, including wind energy, marine, sports, transportation and industrial. The foam has a low resin absorption, good interfacial adhesion, good chemical resistance and thermal insulation.

Properties	
Density	80 kg/m³
Compressive Strength	1.6 MPa
Compressive Modulus	97 MPa
Tensile Strength	2.74 MPa
Tensile Modulus	146 MPa
Shear Strength	1.2 MPa
Shear Modulus	30 MPa
Thermoforming Temperature	90-120°C (194-248°F)

Disclaimer
MILLIFOAM® is a registered trademark of 4a manufacturing GmbH. We have taken great care in preparing the presented data and technical advice. However, the data is based on vendor information and no warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information.

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