

# 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	Maircell 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	60 kg/m <sup>3</sup>
Compressive Strength	0.98 MPa
Compressive Modulus	67 MPa
Tensile Strength	1.82 MPa
Tensile Modulus	100 MPa
Shear Strength	0.79 MPa
Shear Modulus	21 MPa
Thermoforming Temperature	90-120°C (194-248°F)

#### Disclaimer

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