

# TECHNICAL DATASHEET

## **MILLIFOAM DIV80H**

MILLIFOAM® DIV80H is a closed-cell, rigid polymer foam based on polyvinylchloride (PVC) chemistry. It offers excellent mechanical properties to low weight and is ideal for applications subjected to fatigue, slamming or impact loads. With its excellent mechanical properties to weight, it is the foam of choice for marine, land transportation, wind energy, civil infrastructure and general industrial markets.

Polymer	PVC	Sheet Size	2440 x 610 mm
Thickness range	0.5-5.0 mm	Supplier	Diab Group

MILLIFOAM® DIV80H is compatible with all commonly used resin and manufacturing systems with a maximum processing temperature of 90 °C. The foam has an excellent chemical resistance, low water absorption and good thermal/acoustic insulation properties including a consistent high-quality surface structure. It has a low resin uptake and is fast and easy to process and therefore an all-purpose material for the use in multiple industries.

### Properties

Density	80 kg/m <sup>3</sup>
Compressive Strength	1.4 MPa
Compressive Modulus	90 MPa
Tensile Strength	2.5 MPa
Tensile Modulus	95 MPa
Shear Strength	1.15 MPa
Shear Modulus	27 MPa
Coefficient of Thermal Expansion	4.0 1/K*10E-5
Thermoforming Temperature	90-120°C (194-248°F)

### Disclaimer

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