

TECHNICAL DATASHEET

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MILLIFOAM ARX92T130

MILLIFOAM® ARX92T130 is a closed-cell, thermoplastic, and recyclable polymer foam with recycled content, excellent mechanical properties, and an outstanding price/performance ratio. It offers exceptional fatigue resistance, chemical stability, negligible water absorption, and thermal stability during high-temperature processing and post-curing without expansion or outgassing. Designed for easy use with all resin systems and processing technologies, it is ideal as a core material for lightweight sandwich structures exposed to static and dynamic loads or elevated temperatures during manufacturing.

Polymer	PET	Sheet Size	2440 x 610 mm
Thickness Range	0.8 - 5.0 mm	Supplier	Airex AG

MILLIFOAM® ARX92T130 is easy to process with all resin and lamination methods, offering high process temperatures up to 150 °C, outstanding fatigue strength, and best-in-class resin uptake. It boasts excellent chemical stability, good adhesion, long-term thermal stability up to 100 °C, no water absorption or out-gassing, and is made from recyclable and recycled materials with highly consistent properties.

Properties

Density	135 kg/m ³
Compressive Strength	2.3 MPa
Compressive Modulus	110 MPa
Tensile Strength	2.4 MPa
Tensile Modulus	170 MPa
Shear Strength	1.3 MPa
Shear Modulus	34 MPa
Processing Temperature	155 - 190 °C (310 - 350 °F)

Disclaimer

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